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Query Match
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2: /cgn2_6/ptodate1/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodate1/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodate1/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodate1/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodate1/iaa/PCTUS_COMB.pep:*
                           GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd
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US-08-716-679-3
US-09-949-016-8049
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US-09-566-076-12

US-09-566-076-12

PCT-US94-09943-2

US-09-665-615B-46

US-09-848-294-7

US-09-848-294-7

US-09-848-294-7

US-09-848-294-7

US-09-848-294-7

US-09-848-294-7

US-09-848-294-7

US-09-848-295-21

US-09-1446-345-37

US-08-158-65-5

US-08-10166-5

US-08-201-697-16

US-08-801-697-16

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No.
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APPLICANT: GONEZ, LEONEL JORGE
APPLICANT: SARAS, JAM
APPLICANT: SARAS, JAM
APPLICANT: CARESSON-WELSH, LENA
APPLICANT: CLASSON-WELSH, LENA
APPLICANT: CLASSON-WELSH, LENA
APPLICANT: HELDIN, CARL-HENRIK
TITLE OF INVENTION: PEXPRESSION OF NUCLEOTIDE SEQUENCES FOR NOVEL PROTEIN
TITLE OF INVENTION: TYROSINE PHOSPHATASES
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: WOLF, GREENFIELD & SACKS, P.C.
STRRET: GOO ATLANTIC AVENUE
                                                                                                                            Sequence 2, Appli
Sequence 8.08, Ap
Sequence 8, Appli
Sequence 9, Appli
Sequence 9, Appli
Sequence 8833, Ap
                                                   38, Appl
2, Appli
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9, Appli
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8308, Ap
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Sequence 8836, 7
Sequence 8837, 7
Sequence 8838, 2
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MEDIUM TYPE: Floppdisk

MEDIUM TYPE: Floppdisk

COMPUTER: IBM PC compatible
SOCTIME: IBM PC compatible
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/596,291
FILING DATE: 09-AUG-1996
CLASSITCATION NUMBER: US 08/115,573
ATTORNEY/AGENT INFORMATION:
NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,616
REGISTRATION NUMBER: 10.461/7000
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION NUMBER: 10.461/7000
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEREMAK: 617/720-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 592.5; DB 2;
Pred. No. 1.3e-60;
               US-08-769-399-3
US-08-946-345-38
US-08-446-644-2
US-08-449-644-2
US-09-743-492A-9
US-09-743-492A-9
US-09-949-016-8308
US-08-949-016-8308
US-08-949-016-8833
US-09-949-016-8833
US-09-949-016-8835
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; Sequence 3, Application US/08596291; Patent No. 5821075
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TELEX: 92-1742 EZEKIEL
INFORMATION FOR SEQ ID NO:
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, MOLECULE TYPE: protein US-08-596-291-3
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CITY: BOSTON
STATE: MASSACHUSETTS
COUNTRY: USA
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Gaps

47.6%; Pred. No. 1.3e-60; tive 41; Mismatches 80;

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61 MVLENNCNVIAMITREIECGVIKCYSYWPISL-KEPLEFEHPSVFLETFHVTQYFTVRVF 119
                                                                                                                                                                                                         120 QIVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRT 179
                                                         1 QNRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQ 60
 Best Local Similarity 47.6%
Matches 111; Conservative
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Best Local Similarity
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                                                                                                                                                                                   120 QIVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRT 179
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUCLEOTIDE SEQUENCES FOR NOVEL PROTEIN
                                  QNRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQ
   Gaps
                                                                                                                                                                                                                                                                               180 GVFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTKEQYQFCYEIVLEVL 232
   1;
 80; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIMARY STRUCTURE AND FUNCTIONAL EXPRESSION OF NUCLEOTIDE SEQUENC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/100,804
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: PRIMARY STRUCTURE AND F TITLE OF INVENTION: EXPRESSION OF NUCLECTID TITLE OF INVENTION: TYROSINE PHOSPHATASES NUMBER OF SEQUENCES: 34 CORRESPONDENCE ADDRESSES: WOLF, GREENTIELD & SACKS, P.C. STREET: 600 ATLANTIC AVENUE
 41; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/596,291
FILING DATE: 09-AUG-1996
APPLICATION NUMBER: US 08/115,573
FILING DATE: 01-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/09943
FILING DATE: 01-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,616
                                                                                                                                                                                                                                                                                                                                                                               Sequence 3, Application US/09100804
Patent No. 6066472
                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: GONEZ, LEONEL JORGE
APPLICANT: SARAS, JAN
APPLICANT: CLAESSON-WELSH, LENA
APPLICANT: HELDIN, CARL-HERRIK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 02210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-
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REPERBNICK/DOCKET UMBER: LO.
TELECOMMUNICATION:
TELEPHONE: 617-720-3500
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LENGTH: 2465 amino acids
111; Conservative
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INFORMATION FOR SEQ ID NO:
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Matches
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APPLICANT: Saras, Jan
APPLICANT: Saras, Jan
APPLICANT: Franza, Petra
APPLICANT: Healiman, Ulf
APPLICANT: Healiman, Ulf
APPLICANT: Healiman, Ulf
APPLICANT: Healim, Carl-Henrik
TITLE GO INVENTION: PARG, A GTPASE ACTIVATING PROTEIN WHICH INTERACTS WITH PTPL1
TITLE REPERBNCE: L0461/7030
CURRENT APPLICATION NUMBER: 08/90/080, 855A
CURRENT FILING DATE: 1998-05-18
EARLIER APPLICATION NUMBER: 08/805, 583
EARLIER APPLICATION NUMBER: 08/805, 583
EARLIER APPLICATION NUMBER: 08/805, 583
SAFILER PILING DATE: 1998-06-25
NUMBER OF SEQ ID NOS: 39
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                                2397 GTLICIDVVLGLISQDLDFDISDLVRCMRLQRHGMVQTEDQYIFCYQVILYVL 2449
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GVFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTKEQYQFCYEIVLEVL
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                                                                                                                                                                                       Sequence 12, Application US/09080855A Patent No. 6083721
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Sequence 12, Application US/09566076
Patent No. 6475775
PATENT NO. SATASH
APPLICANT: Saras, Jan
APPLICANT: Franzn, Petra
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Homo sapiens
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DB 3; Length 2465;

47.3%; Score 592.5;

Query Match

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PCT-US94-09943-2
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                                APPLICANT: Gonez, Leonel Jorge
APPLICANT: Gonez, Leonel Jorge
APPLICANT: Heldin, Carl-Henrik
TITLE OF INVENTION: PARG, A GTPASE ACTIVATING PROTEIN WHICH INTERACTS WITH PTPLI
FILE REPERENCE: L0461/7030
CURRENT PELLING DATE:
EARLIER APPLICATION NUMBER: US/09/566,076
CURRENT FILING DATE:
EARLIER FILING DATE: 1998-05-18
NUMBER OF SEQ ID NOS: 39
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             120 QIVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYYRYVRKSHITGPLLVHCSAGVGRT 179
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                                                                                                                                                                                                                                                                                                                                                                                                                                   QNRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEBYFYIATQGPLPETIEDFWQ
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                                                                                                                                                                                                                                                                                                                                                                                                 1;
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                                                                                                                                                                                                                                                                                                                                                      Query Match 47.3%; Score 592.5; DB 4; Length; Best Local Similarity 47.6%; Pred. No. 1.3e-60; Matches 111; Conservative 41; Mismatches 80; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYROSINE PHOSPHATASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: TWOMEY, MICHAEL J.
REGISTRATION NUMBER: P-38,349
REFERENCE/DOCKET NUMBER: LO461/7000WO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: PCT/US94/09943
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 08/115,573
FILING DATE: 01-SEP-1993
ATTORNEY/AGENT INFORMATION:
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GENERAL INFORMATION:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CMEDUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: PRIMARY STR
TITLE OF INVENTION: EXPRESSION OF INTERTION: TYROSINE PH
TUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
STREET: 600 ATLANTIC AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        01-SEP-1994
Aspenstrm, Pontus
Hellman, Ulf
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: BOSTON
STATE: MASSACHUSETTS
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                         LENGTH: 2466
                                                                                                                                                                                                                                                                                                                 US-09-566-076-12
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APPLICANT:
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Sequence 46, Application US/09290640

Sequence 46, Application US/09290640

Patent No. 6204055

GRNERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
APPLICANT: Dean, Nicholas M.
APPLICANT: Marcusson, Exic G.
TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling CIRRENT APPLICATION: NUMBER: US/09/290,640

CURRENT FILING DATE: 1999-04-12

NUMBER: OF SEQ ID NOS: 85

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 46
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            120 QIVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRT 179
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 QNRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQ
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                                                                                                                                                                                                                                                                                            Length 2466;
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47.3%; Score 592.5; DB 3; Length 2485;
Best Local Similarity 47.6%; Pred. No. 1.3e-60;
Matches 111; Conservative 41; Mismatches 80; Indels 1;
                                                                                                                                                                                                                                                                                                                                        Indels
                                                                                                                                                                                                                                                                                       ; Score 592.5; DB 5
; Pred. No. 1.3e-60;
41; Mismatches 80
TELECOMMUNICATION INFORMATION:
TELEPAX: 617/720-3500
TELEFAX: 617/720-3441
FELEX: 92-1742 EZEKIEL
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 2466 amino acids
                                                                                                                                                                                                                                                                                         47.3%;
                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 47.68
Matches 111; Conservative
                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                         TYPE: amino acid
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GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INTERPREDICT:
TITLE OF INVENTION: Protein Tyrosine Phosphotase Which Localizes to Focal
TITLE OF INVENTION: Adhesions and Uses Therefor
CURRENT APPLICATION NUMBER: US/09/848,294
CURRENT APPLICATION NUMBER: 09/235,251
PRIOR FILING DATE: 1999-01-22
PRIOR PILING DATE: 1996-12-04
PRIOR PILING DATE: 1996-12-04
PRIOR PILING DATE: 1991-03-01
PRIOR PILING DATE: 1991-03-01
PRIOR PILING DATE: 1990-03-14
NUMBER OF SEQ ID NOS: 13
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 2
LENGTH: 913
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   61 MVLENNCNVIAMITREIECGVIKCYSYWPISL-KEPLEFEHFSVFLETFHVTQYFTVRVF 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              120 QIVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRT 179
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 180 GVFICVDVVFSALEKNYSFDIMNIVTOMRKORCGMIQTKEQYQFCYBIVLEVL 232
                                                                                                                                 Fas Mediated Signaling
                                                                                                                                                                                                                                                                                                                                                                                                                Query Match

47.3%; Score 592.5; DB 4; Length 2485;
Best Local Similarity 47.6%; Pred. No. 1.3e-60;
Matches 111; Conservative 41; Mismatches 80; Indels 1;
                                                                 CENERAL INFORMATION:
APPLICANT: Marcusson, Eric G.
APPLICANT: Watt, Jacqueline
APPLICANT: Watt, Jacqueline
TITLE OF INVENTION: Antisense Modulation of Fas
FILE REFERENCE: ISPH-0502
CURRENT APPLICATION NUMBER: US/09/665,615B
CURRENT APPLICATION NUMBER: US 09/290,640
PRIOR APPLICATION NUMBER: US 09/290,640
PRIOR PILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 179
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 46
LENGTH: 2485
        Sequence 46, Application US/09665615B; Patent No. 6653133; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 2, Application US/09848294
Patent No. 6479640
                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Homosapiens
                                                                                                                                                                                                                                                                                                                                                                                US-09-665-615B-46
US-09-665-615B-46
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FRUERRY INFORMATION:

APPLICANT: TORKS, Nicholas K.

APPLICANT: TORKS, Nicholas K.

TITLE OF INVENTION: Isolation of A cDNA Encoding A No. 6479640e;

TITLE OF INVENTION: Protein Tyrosine Phosphotase Which Localizes to Focal

TITLE OF INVENTION: Adhesions and Uses Therefor

TITLE OF INVENTION: Adhesions and Uses Therefor

FILE REPRENCE: CSHL90-04FZA

CURRENT FILING DATE: 2001-05-03

PRIOR FILING DATE: 1999-01-22

PRIOR PELING DATE: 1999-01-22

PRIOR PELING DATE: 1999-01-22

PRIOR PELING DATE: 1999-01-22

PRIOR PELING DATE: 1991-03-04

PRIOR PELING DATE: 1991-03-04

PRIOR FILING DATE: 1991-03-04

PRIOR FILING DATE: 1991-03-04

PRIOR FILING DATE: 1990-03-14

PRIOR FILING DATE: 1990-03-14

PRIOR PELING DATE: 1990-03-14

NUMBER OF SEQ ID NOS: 13

SOFTWARE: FARING DATE: 1991-03-04

FROM THE PRIOR PELING DATE: 1991-03-04

PRIOR PILING DATE: 1991-03-04
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39.8%; Score 499; DB 4; Length 913; 42.0%; Pred. No. 4e-50;
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                                                                            38; Mismatches
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Patent No. 6479640
        Query Match 39.8%
Best Local Similarity 42.0%
Matches 102; Conservative
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US-09-848-294-7
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173 CSAGIGRIGVLVTWETAMCLTERNLPIYPLDIVRKMRDQRAMMVQTSSQYKFVCEAILRV 232
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                                                                                                                                                                                                                     APPLICANT: Moller, Niels P.H.
APPLICANT: Moller, Karin B.
TITLE OF INVENTION: NOVEL PROTEIN PHOSPHOTYROSINE
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/446,345
FILING DATE: 22-MAY-1995
                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 22-MAY-1995
CLASSIFICTATION: 435
FRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/234,440
FILING DATE: 28-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: COTUZZI, LAULA A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                     Sequence 37, Application US/08446345 Patent No. 5831009
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 76
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REGISTRATION NUMBER: 30742
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INFORMATION FOR SEQ ID NO: 37:
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LENGTH: 231 amino acids
                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Ullrich, Axel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 39.0
Best Local Similarity 42.0
Matches 100; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  unknown
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10036-2711
                                                            YE 234
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                                 232 LQ 233
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US-08-446-345-37
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54 TIEDFWQMVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVFLETFHV--- 110
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                 Sequence 21, Application US/08685992
Patent No. 5912138
GENERAL INFORMATION:
APPLICANT: Tonks, Nicholas
APPLICANT: Flint, Andrew J.
TITLE OF INVENTION: SUBSTRATE TRAPPING PROTEIN
TITLE OF INVENTION: TYROSINE PHOSPHATASES
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
STREET: Two Miltia Drive
CITY: Lexington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
38.9%; Score 487; DB 2;
Best Local Similarity 41.8%; Pred. No. 1.6e-49;
Matches 102; Conservative 37; Mismatches 79
                                                                                                                                                                                                                                                                                                                                                                                                                                            OPERATING SYSTEM: Windows 95
SOFTWARE: FastSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/685,992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFRENCE/DOCKET NUMBER: CSHL
TELECOMMUNICATION INFORMATION:
TELEPHONE: 781-861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         21:
                                                                                                                                                                                                                                                                                                                                                                                                                             IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 25-JUL-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 242 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 781-861-9540
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MOLECULE TYPE: peptide
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USA
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US-08-685-992-21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     11 QNLDKORYKZVDVLPYDTTRVLLQGNEDYINASYVNMBIPAANLVNK-----YIATQGPLPH 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              38.9%; Score 487; DB 2; Length 242; 41.8%; Pred. No. 1.6e-49; tive 37; Mismatches 79; Indels 3
      Sequence 21, Application US/09144925
; Patent No. 5951979
; GENERAL INFORMATION:
APPLICANT: TONES, Nicholas
APPLICANT: Flint, Andrew J.
TITLE OF INVENTION: SUBSTRATE TRAPPING PROTEIN
TITLE OF INVENTION: TROSINE PHOSPHATASES
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
STREET: Lexington
CITY: Lexington
                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM: Windows 95
SOFTWARE: FASTSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CSHL96-03Z
                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/09/144,925 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      08/685,992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: CSF
TELECOMMUNICATION:
TELEPHONE: 781-861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/685,
FILING DATE: July 25, 1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                         ZIP: 02421-4799
ZIP: 02421-4799
COMPUTER READABLE FORM:
MEDIUM TYPES: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 21:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 242 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 38.99
Best Local Similarity 41.89
Matches 102; Conservative
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STRANDEDNESS: siz
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238 ILRV 241
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US-09-144-925-21
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                                                                                                                                                                                                                                                          STATE:
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RESULT 13 US-08-348-006B-5

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60 QMVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVF-LETFHVTQYFTVRV 118
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Sequence 5, Application US/08348006B
Patent No. 5658756
GENERAL INFORMATION:
APPLICANT: ROTALD, GIDEON A.
APPLICANT: SCHMIDT, AZRIEL
APPLICANT: RUTLEDGE, SU JANE
TITLE OF INVENTION: TYROSINE PHOSPHATASE
TITLE OF INVENTION: TYROSINE PHOSPHATASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/348,006B
FILING DATE:
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 08/122,032
FILING DATE: 14-SEP-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                      E: J. MARK HAND
126 E. LINCOLN AVE., P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        18992IA
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Patent No. 5866397
GENERAL INFORMATION:
APPLICANT: RODAN, GIDEON A.
APPLICANT: SCHNIDT, AZRIEL
APPLICANT: RUTLEDGE, SU JANE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: HAND, J., MARK
REGISTRATION NUMBER: 36,545
REPRENCE/DOCKET NUMBER: 1899:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3905
TELEPAX: 998-594-3905
                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
ZIP: 07065-0900
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1911 amino acids
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: protein
                                                                                                                                                                                                   NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: J. MARK H
                                                                                                                                                                                                                                                                                                                             NEW JERSEY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear
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US-08-800-825A-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         119 PQIVKKSTGKSQCVKHLQPTKWPDHGTPASADFFIKYVRYVRKSH----ITGPLLVHCSA 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   5 KNRYRDILPYDSTRVPLG----KNKDYINASYIRIVNHEEBYFYIATQGPLPETIEDFW 59
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      38.6%; Score 483.5; DB 2; Length 1911; 42.0%; Pred. No. 8.3e-48;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 5, Application US/09158657
Patent No. 6214564
GENERAL INFORMATION:
APPLICANT: RODAN, GIDEON A.
APPLICANT: RUTLEDGE, SU JANE
TITLE OF INVENTION: CDNA ENCODING A NOVEL HUMAN PROTEIN
TITLE OF INVENTION: TROSHESS:
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               79; Indels
  CDNA ENCODING A NOVEL HUMAN PROTEIN TYROSINE PHOSPHATASE
                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/800,825A
FILING DATE: 14-FEB-1997
CLASSIPICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: J. MARK HAND - MERCK & CO., INC. STREET: 126 E. LINCOLN AVE., P.O. BOX 2000
                                                                             E: J. MARK HAND - MERCK & CO., INC.
126 E. LINCOLN AVE., P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               44; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                   18992DA
                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: HAND, J. MARK
REGISTRATION NUMBER: 36,545
                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 18
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-3905
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 1911 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 732-594-4720
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches 100; Conservative
TITLE OF INVENTION: CDN
TITLE OF INVENTION: TYF
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: protein
                                                                                                                                                                                                                                                       OPERATING SYSTEM:
                                                                                                                                     STATE: NEW JERSEY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: NEW JERSEY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
                                                                                                                                                     COUNTRY: USA
ZIP: 07065-0900
                                                                          ADDRESSEE: J.
STREET: 126 E
CITY: RAHWAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RAHWAY
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US-09-158-657-5
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60 QMVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVF-LETFHVTQYFTVRV 118
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        175 GVGRTGVFICVDVVFSALEKNYSFDIMNIVTQMRKQRCGMIQTKEQYQFCYEIVLEVL 232
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 1911;
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                                                      OPERATING SYSTEM: PC_DOS/MS-DOS
SOFTWARE: PATCHIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/158,657
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       38.6%; Score 483.5; DB 3 42.0%; Pred. No. 8.3é-48;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                44; Mismatches
                                                                                                                                       FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/800,825
FILING DATE: 14-FEB-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                         NAME: HAND, J. MARK
REGISTRATION NUMBER: 36,545
REFERENCE/DOCKET NUMBER: 18:
TELECOMMUNICATION:
TELEPHONE: 732-594-3905
                                      IBM PC compatible
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                              TELEPHONE: 732-594-39C
TELEFAX: 732-594-4720
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 100; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                   amino acid
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6, 2005, 15:45:01 Search completed: April Job time: 28.5702 secs

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April 6, 2005, 15:38:11 ; Search time 79.3699 Seconds (without alignments) 974.619 Million cell updates/sec
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1 QNRDKNRYRDILPYDSTRVP......MIQTKEQYQFCYEIVLEVLQ 233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
| cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
| cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
| cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
| cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
| cgn2_6/ptodata/1/pubpaa/NEW_PUB.pep:*
| cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
| cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
| cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
| cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
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| cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
| cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
| cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1418010 segs, 331997259 residues
                                                                                                                                                                                                                                                                                                                                                                                                  US-09-095-478A-5_COPY_188_420
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Published Applications AA:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                           OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Minimum DB seq length: 0
Maximum DB seq length: 200000000
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Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Scoring table:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence:
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                                                                                                                                                                                                                                      Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

-	Description		Sequence 6, Appli	Sequence 8, Appli	Sequence 1, Appli	Sequence 2, Appli	Seguence 3, Appli	Sequence 4, Appli	Sequence 4, Appli	Sequence 7, Appli	Sequence 9, Appli	Sequence 35, Appl	Sequence 56, Appl	Sequence 12, Appl	Sequence 46, Appl
	Ę		US-09-095-478-6	US-09-095-478-8	US-09-095-478-1	US-09-095-478-2	US-09-095-478-3	; US-10-311-764-4	US-09-095-478-4	US-09-095-478-7	US-09-095-478-9	US-10-060-065-35	US-10-059-585-56	US-10-177-980-12	US-09-802-669-46
	Query Match Length DR	an instru	354 10	379 10	426 10	463 10	412 10	420 15	122 10	381 10	358 10	1267 14	1267 14	2466 14	2485 9
æ	Query Match Le	Hacett Le	100.0	100.0	100.0	100.0	93.7	80.0	53.3	47.8	47.3	47.3	47.3	47.3	47.3
	27.00	2000	1253	1253	1253	1253	1174	1003	668	598.5	592.5	592.5	592.5	592.5	592.5
	Result	2	-	7	m	4	2	9	7	60	D	10	11	12	13

Sequence 46, Appl Sequence 1349, App Sequence 93, Appli Sequence 94, Appli Sequence 94, Appli Sequence 97, Appli Sequence 2, Appli Sequence 2, Appli Sequence 7, Appli Sequence 7, Appli Sequence 7, Appli Sequence 7, Appli Sequence 65, Appli Sequence 65, Appli Sequence 64, Appli	
- Sn - Sn - Sn - Sn - Sn - Sn - Sn - Sn	
	112 112 113 113 113 113 113
24885 2633 2633 2633 2633 2633 2633 2633 263	926 341 1337 1337 1337 1337 1312 344 1912 318 319 319
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0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	24 44 44 44 44 44 44 44 44 44
4 N 9 L 9 S S S S S S S S S S S S S S S S S	<b></b>

## ALIGNMENTS

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RESULT 1

September 6, Application US/09095478

Sequence 6, Application US/09095478

Publication No. US20030095970A1

GENERAL INFORMATION:

TITLE OF INVENTION: BHOSPHAYASE SUPPOS AND TITLE OF INVENTION: RELATED PRODUCTS AND TITLE OF INVENTION: METHODS

NUMBER OF SEQUENCES: 25

CORRESPONDENCE ADDRESS: 25

CORRESPONDENCE ADDRESS: 35

CORRESPONDENCE ADDRESS: 35

CONFEST: Galifornia COUNTRY: US.A.

ZIP: 30071-2066

COMPUTER READABLE FORM: MEDIUM TYPE: 35.0 Bekette, 1.44 Mb MEDIUM TYPE: 35.3 Bekette, 1.44 Mb MEDIUM TYPE: 35.3 Bekette, 1.44 Mb MBE: 35.327

FILING DATE: TATORNEY/AGENT INFORMATION: REFERRATION NUMBER: 32.327

REFERRANCE/DOCKET NUMBER: 32.327

REFERRANCE/DOCKET NUMBER: 32.327
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TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                 single
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CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
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STATE: California
                                                                                                                                     linear
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                                                                                         TYPE: amino a STRANDEDNESS:
                                                                                                                                 TOPOLOGY: 111
MOLECULE TYPE:
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US-09-095-478-8
                                                                       LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          121 IVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRTG 180
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                                                                                                                                                                                                                                                                                                                                                                     1 QNRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQ 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          181 VFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTKEQYQFCYEIVLEVLQ 233
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                                                                                                                                                                                                                                                                                    DB 10; Length 354;
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                                                                                                                                                                                                                                                                              Query Match
100.0%; Score 1253; DB 10;
Best Local Similarity 100.0%; Pred. No. 9.5e-126;
Matches 233; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 8, Application US/09095478
Publication No. US20030095970A1
GENERAL INFORMATION:
APPLICANT: Plowman, Gregory
TITLE OF INVENTION: PHOSPHATASE SUPTPOS AND
TITLE OF INVENTION: RELATED PRODUCTS AND
TITLE OF INVENTION: RELATED PRODUCTS AND
TITLE OF INVENTION: METHODS
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PESESE for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 224/115
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
               TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
TELEX: 67-3510
INPORMATION FOR SEQ ID NO: 6: SEQUENCE CHARACTERISTICS: LENGTH: 354 amino acids TYPE: amino acids STRANDEDNESS: single
TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                           TOPOLOGY: linear ; MOLECULE TYPE: Peptide US-09-095-478-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
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US-09-095-478-8
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143 QNRDKNRYRDILÞYDSTRVPLGKNKDYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQ 202
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                                                                                                                                                                                                                                                                                                            1 ONRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQ
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                                                                                                                                                                                         , Score 1253; DB 10; Length 379;
; Pred. No. 1e-125;
0; Mismatches 0; Indels 0;
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NOVEL PROTEIN TYROSINE
PHOSPHATASE SUPTPOS AND
RELATED PRODUCTS AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PESISEE for Windows 2.0
CUREENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAMB: Warblurg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 224/115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1, Application US/09095478
; Publication No. US20030095970A1
; GENERAL INPORMATION:
    TITLE OF INVENTION: NOVEL PROTRIN
    TITLE OF INVENTION: RELATED PRODUC
    TITLE OF INVENTION: RELATED PRODUC
    TITLE OF INVENTION: METHODS
    TITLE OF ENUMERICAL METHODS
    NUMBER OF SEQUENCES: 25
    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELESTAX: (213) 955-0440
TELEX: 67-3510
INPORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                  100.0%;
: 379 amino acids
amino acid
                                                                                                                                                                                               Query Match 100.
Best Local Similarity 100.
Matches 233; Conservative
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412 amino acids
                                                                                                                                             Query Match
Best Local Similarity 100.
Matches 233; Conservative
                                              , MOLECULE TYPE: Peptide US-09-095-478-2
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: Peptide
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STATE: California
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                 TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 121 IVKKSTGKSQCVKHLQPTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRTG 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        308 IVKKSTGKSQCVKHLQPTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRTG 367
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          61 MVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVFLETFHVTQYFTVRVFQ 120
                                                                                                                                                                                                                                                                                                                                                                                       1 ONRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEEYPYIATQGPLPETIEDFWQ
                                                                                                                                                                                                                                                                                                                       Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           368 VFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTKEQYQFCYEIVLEVLQ 420
                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                        Length 426;
                                                                                                                                                                                                                                                                                                                       Indels
                                                                                                                                                                                                                           100.0%; Score 1253; DB 10;
illarity 100.0%; Pred. No. 1.2e-125;
Conservative 0; Mismatched
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: NOVEL PROTEIN TYROSINE TITLE OF INVENTION: PHOSPHATASE SUPTPOS AND TITLE OF INVENTION: RELATED PRODUCTS AND TITLE OF INVENTION: METHODS NUMBER OF SEQUENCES: 25 CORRESPONDENCES: 25 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 2, Application US/09095478
Publication No. US20030095970A1
GENERAL INFORMATION:
APPLICANT: PLOWMATION:
TITLE OF INVENTION: NOVEL PROTEIN TYROSINE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 8torage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/US/US/4/8

FILING DATE:
CLASSIFICATION
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 324/115
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 955-0440
TELEFAX: (213) 955-0440
TELEFAX: (7-3510
TELEFAX: (7-35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PSESSE for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
; LENGTH: 426 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Peptide
US-09-095-478-1
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TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                    Similarity
                                                                                                                                                                                                                                             Query Match
Best Local Simil
Matches 233; C
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| General Conservative | O. Manatches | O. Indea | O. Conservative | O. Manatches | O. Indea | O. Conservative | O. Manatches | O. Indea | O. Conservative | O. Manatches | O. Indea | O. Conservative | O. Manatches | O. Indea | O. Conservative | O. Manatches | O. Indea | O. Conservative | O. Manatches | O. Indea | O. Conservative | O. Manatches | O. Indea | O. Conservative | O. Manatches | O. Indea | O. Conservative | O. Manatches | O. Indea | O. Conservative | O. Manatches | O. Indea | O. Conservative | O. Manatches | O. Indea | O. Conservative | O. Manatches | O. Manatches | O. Conservative | O. Manatches | O. Ma
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                                                                                                                                                                                                                                                                              248 MVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVPLETFHVTQYFTVRVFO 307
                                                                                                                                                                                                                                                                                                                                                           121 IVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRTG 180
                                                                                                                                                                                                                                                                                                                                                                                                      308 IVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRTG 367
                                                                                                                        1 QNRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQ 60
                                                                   Gaps
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      Length 412;
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80.0%; Score 1003; DB 15; Length 420;
Best Local Similarity 78.9%; Pred. No. 8.3e-99;
Matches 183; Conservative 24; Mismatches 25; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: INCTES GENOMICS, INC.; AU-YOUNG, Janice K. APPLICANT: INCTES GENOMICS, INC.; AU-YOUNG, Janice K. APPLICANT: BAUGHN, Mariah R.; DING, Li APPLICANT: BLIOTT, VICKI S.; GANDHI, Ameena R. APPLICANT: GENEFIN, Jennifer A.; HAFALIA, April J.A. APPLICANT: KEARNEY, Liam, LEE, Ernestine A. APPLICANT: ARVIZU, Chandra S.; RAMKUMAR, Jayalaxmi APPLICANT: REDY, Roopa M.; SANJANWALA, Madhusudan M. APPLICANT: THORNTON, Michael B.; TRIBOULEY, Catherine M. APPLICANT: THORNTON, Michael B.; TRIBOULEY, Catherine M. APPLICANT: CHAMLA, Narinder K.; YANG, Junming APPLICANT: YAO, Monique G.; YUB, Henry TIVES OF INVENTION: PROTEIN PHOSPHATASES FILE REFERENCE: PI-0126 USN CURRENT APPLICANT: 1200 UNDMERR: US/10/311,764
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. US20040023245A1 7476861CD1
US-10-311-764-4
                                                             0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               368 VFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTK 405
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             VFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTK 218
93.7%; Score 1174; DB 10;
100.0%; Pred. No. 3.5e-117;
live 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT FILING DATE: 2002-12-16
PRIOR APPLICATION NUMBER: DCT/USO1/1942
PRIOR FILING DATE: 2001-06-14
PRIOR FILING DATE: 2001-06-14
PRIOR FILING DATE: 2000-06-16
PRIOR FILING DATE: 2000-06-15
PRIOR PRIOR PAPLICATION NUMBER: US 60/213,746
PRIOR PRIOR DATE: 2000-06-22
PRIOR PILING DATE: 2000-06-29
PRIOR PILING DATE: 2000-06-29
PRIOR PILING DATE: 2000-07-06
PRIOR PILING DATE: 2000-07-06
PRIOR PILING DATE: 2000-07-06
PRIOR PILING DATE: 2000-07-06
PRIOR PILING DATE: 2000-07-07
PRIOR PILING DATE: 2000-07-12
PRIOR PILING DATE: 2000-07-12
PRIOR PILING DATE: 2000-07-12
PRIOR PILING DATE: 2000-07-13
PRIOR PILING DATE: 2000-07-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 4, Application US/10311764
Publication No. US20040023245A1
                              Best Local Similarity 100.0
Matches 218; Conservative
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ORGANISM: Homo sapiens
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   Query Match
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243 VLENNSNVIAMITRELEGGIIKCYHYWPISLKKPLELKHFRVFLENYOILQYFIIRMFQV 302
                                                                                                                                                                                      122 VXXSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRTGV 181
                                                                     62 VLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVFLETFHVTQYFTVRVFQI 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          9
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                                                                                                                                                                                                                                                         182 FICUDVVFSALEKNYSFDIMNIVTQMRKQRCGMIQTKEQYQFCYEIVLEVLQ 233
                                                                                                                                                                                                                                                                                 363 FLCVDVVFCAIVKNCSFNIMDIVAOMREORSGMVOTKEOYHFCYDIVLEVLR 414
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53.3%; Score 668; DB 10;
Best Local Similarity 100.0%; Pred. No. 1.5e-63;
Matches 122; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1, Gregory
NOVEL PROTEIN TYROSINE
PHOSPHATASE SUPTPOS AND
RELATED PRODUCTS AND
METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FESTENG for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32.327
REFERENCE/DOCKET NUMBER: 224/115
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 955-0440
TELERX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 122 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 4, Application US/09095478
Publication No. US20030095970A1
GENERAL INFORMATION:
APPLICANT: Plowman, Gregory
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 122 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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MOLECULE TYPE: Peptide
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TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Los Angeles
STATE: California
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61 MYLENNCHVIAMITREIECGVIKCYSYWPISL-KEPLEPEHFSVFLETFHVTQYFTVRVF 119
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  181 MIWEQKSTVIAMMTQEVEGEKIKCQRYWPNILGKTTMVSNRLRLALVRMQQLKGFVVRAM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 QNRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQ
                     GRIGVFICVDVVPSAIEKNYSFDIMNIVTQMRKQRCGMIQTKEQYQFCYEIVLEVL 232
                                             GVFICVDVVFSALEKNYSFDIMNIVTQMRKQRCGMIQTKEQYQFCYEIVLEVL 232
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                                                                                                                                                                                                                        APPLICANT: Plowman, Gregory
TITLE OF INVENTION: NOVEL PROTEIN TYROSINE
TITLE OF INVENTION: PHOSPHATASE SUPPOS AND
TITLE OF INVENTION: RELATED PRODUCTS AND
TITLE OF INVENTION: METHODS
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 224/115
TELECOMMUNICATION INFORMATION:
                                                                                                                                                               ; Sequence 9, Application US/09095478; Publication No. US20030095970A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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APPLICATION NUMBER:
FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Los Angeles
STATE: California
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Best Local Similarity
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90071-2066
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CLASSIFICATION:
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                                                                                                                                                US-09-095-478-9
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                                                                                                                      RESULT 9
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                         RVFQIVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGV 120
  RVFQIVKKSTCKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGV 176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MVLENNCNVIAMITREIECGVIKCYSYWPISL-KEPLEFEHFSVFLETFHVTQYFTVRVF 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              204 MVWEQNSTVIAMMTQEVEGEKIKCQRYWPSILGTTTMANBRLRLALLRMQQLKGFIVRVM 263
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         120 QIVKKSTGKSQCVKHLQPTKWPDHGTPASAD---PFIKYVRYVRKSHITGPLLVHCSAGV 176
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 QNRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEBYFYIATQGPLPETIEDFWQ 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   47.8%; Score 598.5; DB 50.0%; Pred. No. 2e-55; Live 37; Mismatches
                                                                                                                                                                                                                                                                                           Gregory
NOVEL PROTEIN TYROSINE
PHOSPHATASE SUPTPOS AND
RELATED PRODUCTS AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/09/095,478
                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Lyon & Lyon
STREET: 633 West Pifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                            Sequence 7, Application US/09095478
Publication No. US20030095970A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: WATUNING, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 224/
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INPORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 381 amino acids
                                                                                                                                                                                                                                                                                                                                                                           METHODS
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Best Local Similarity 50.0
Matches 118; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Ly
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COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Plowman, G.
TITLE OF INVENTION: NI
TITLE OF INVENTION: PI
TITLE OF INVENTION: RI
TITLE OF INVENTION: M
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GR 122
                                                                                  GR 178
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117
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SEQ ID NO 56
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: NOVEL GENES ENCODING PROTEIN KINASE/PROTEIN PHOSPHATASE FILE REFERENCE: 06501-09902 CURRENT APPLICATION NUMBER: US/10/060,065 CURRENT FILING DATE: 2002-01-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          61 MVLENNCNVIAMITREIECGVIKCYSYWPISL-KEPLEFEHFSVFLETFHVTQYFTVRVF 119
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301 GTLICIDVVLGLISQDLDFDISDLVRCMRLQRHGMVQTBDQYIFCYQVILYVL 353
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         47.3%; Score 592.5; DB 1
47.6%; Pred. No. 4.2e-54;
tive 41; Mismatches 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT PILING DATE: 0202-01-29

PRIOR APPLICATION NUMBER: DCT/JP00/05061

PRIOR PILING DATE: 2000-07-28

PRIOR PILING DATE: 2000-07-28

PRIOR PILING DATE: 1999-10-18

PRIOR PILING DATE: 1999-10-18

PRIOR PILING DATE: 1999-10-18

PRIOR PILING DATE: 2000-02-17

PRIOR PILING DATE: 2000-02-17

PRIOR PILING DATE: 2000-01-17

PRIOR PILING DATE: 2000-01-11

PRIOR PILING DATE: 2000-06-09

NUMBER OF SEQ ID NOS: 43

SEQ ID NO 35-16-17

LENGTH: 1267
                                                                      RESULI 10
US-10-060-065-35
; Sequence 35, Application US/10060065
; Publication No. US20030017480A1
; GENERAL INFORMATION:
; APPLICANT: Toshio Ota
; APPLICANT: Teshio Ota
. aPPLICANT: Testo Isogai
. aPPLICANT: Testo Nishikawa
                                                                                                                                                                                                                                                                                                                                                         Ai Wakamatsu
Keitchi Nagai
Tetsuji Otsuki
Shin-Ichi Funahashi
Chiaki Senoo
                                                                                                                                                                                                                                                                         Kaoru Otsuka
Jun-Ichi Yamamoto
Shizuko Ishii
Tomoyasu Sugiyama
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity 47.68
Matches 111; Conservative
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; ORGANISM: Homo sapiens
US-10-060-065-35
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RESULT 11 US-10-059-585-56 Sequence 56, Application US/10059585 Publication No. US20030082776A1

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APPLICANT: Fraizn, Petra
APPLICANT: Aspenstrm, Pontus
APPLICANT: Hellman, Ulf
APPLICANT: Heldin, Carl-Henrik
APPLICANT: Heldin, Carl-Henrik
TITLE OF INVENTION: PARG, A GTPASE ACTIVATING PROTEIN WHICH INTERACTS WITH PTPL1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   61 MVLENNCNVIAMITREIECGVIKCYSYWPISL-KEPLEFEHFSVFLETFHVTQYFTVRVF 119
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                                                                Sequence 12, Application US/10177980
Publication No. US20030166232A1
GENERAL INFORMATION:
                                           Yamamoto, Jun-ichi
Ishii, Shizuko
Nishikawa, Tetsuo
Hayashi, Koji
Otsuka, Kaoru
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; ORGANISM: Homo sapiens
US-10-059-585-56
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US-10-408-765A-1349
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
APPLICANT: Marcuson, Eric G.
APPLICANT: Marcuson, Eric G.
APPLICANT: Marcuson, Eric G.
APPLICANT: What, Jacqueline
APPLICANT: Zhang, Hong
TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
FILE REFERENCE: ISPH-545
CURRENT ELING DATE: 2000-03-09
PRIOR FILING DATE: 2000-09-18
PRIOR FILING DATE: 2000-09-18
PRIOR FILING DATE: 1099-14-12
NUMBER OF SEQ ID NOS: 180
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Best Local Similarity 47.6%; Pred. No. 1e-53;
Matches 111; Conservative 41; Mismatches 80; Indels
                                                                                                                                                                                                                                                                                                                  Query Match 47.3%; Score 592.5; DB 14; Length Best Local Similarity 47.6%; Pred. No. 1e-53; Matches 111; Conservative 41; Mismatches 80; Indels
FILE REFERENCE: L0461/7030
CURRENT APPLICATION NUMBER: US/10/177,980
CURRENT PILING DATE: 2002-06-21
FRIOR APPLICATION NUMBER: US/09/080,855
FRIOR FILING DATE: 1998-05-18
FRIOR FILING DATE: 1997-02-25
NUMBER OF SEQ ID NOS: 39
SOFTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 12
LENGTH: 2466
TYPE: PRI
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Patent No. US20020004490A1
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                                                                                                                                                                                                                                                   , ORGANISM: Homo sapiens
US-10-177-980-12
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US-09-802-669-46
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US-09-802-669-46
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APPLICANT: Dean, Nicholas M.
APPLICANT: Barcusson, Eric G.
APPLICANT: Warcusson, Eric G.
APPLICANT: Warcusson, Eric G.
APPLICANT: Warcusson, Eric G.
APPLICANT: Warcusson, Eric G.
APPLICANT: Stang, Hong
TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
FILE REFERENCE: 1SPH-345
CURRENT APPLICATION NUMBER: US/10/619,220
CURRENT FILING DATE: 2003-07-14
PRIOR FILING DATE: 2001-03-01
PRIOR PLICATION NUMBER: US 09/665,615
PRIOR PLICATION NUMBER: US 09/665,615
PRIOR FILING DATE: 1999-04-12
PRIOR FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 180
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 46
TENDER OF 86
                                     2236 ENRRKARYKANILPYDATRVPLGDEGGYINASPIKIPVGKEEFVYIACQGPLPTTVGDFWQ 2295
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120 QIVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRT 179
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                                                                                                                                                                  180 GVFICVDVVFSAIBKNYSFDIMNIVTQMRKQRCGMIQTKEQYQFCYEIVLEVL 232
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APPLICANT: Glason, Bradford W.
APPLICANT: Taylor, Steven W.
APPLICANT: Taylor, Steven W.
APPLICANT: Marnock, Dale E.
TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
FILE REPERENCE: 660088.465
CURRENT APPLICATION NUMBER: US/10/408,765A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 47.3%; Score 592.5; DB 15; Length Best Local Similarity 47.6%; Pred. No. 1e-53; Matches 111; Conservative 41; Mismatches 80; Indels
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                                                                                                                                                                                                                                                                                                                                                        Sequence 46, Application US/10619220 Publication No. US20040033979A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; ORGANISM: Homo sapiens
US-10-619-220-46
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2236 ENRRKNRYKNILPYDATRVPLGDEGGYINASFIKIPVGKEBFVYIACQGFLPTTVGDFWQ 2295
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47.3%; Score 592.5; DB 16; Length 2485;
Best Local Similarity 47.6%; Pred. No. 1e-53;
Matches 111; Conservative 41; Mismatches 80; Indels 1;
; CURRENT FILING DATE: 2003-04-04
; NUMBER OF SEQ ID NOS: 3077
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1349
; LENGTH: 2485
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-408-765A-1349
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Search completed: April 6, 2005, 16:05:12 Job time: 80.3699 secs

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نسب ن Sequence 3, Appli Sequence 3, Appli Sequence 3, Appli Sequence 38, Appli Sequence 2, Appli Sequence 2, Appli Sequence 9, Appli Sequence 8, Appli Sequence 8308, Ap

Sequence 8, Appli Sequence 9, Appli Sequence 8833, Ap Sequence 8835, Ap Sequence 8835, Ap Sequence 8835, Ap Sequence 8835, Ap Sequence 8837, Ap

Perfect score:

Sequence:

OM protein

Run on:

Scoring table:

Searched:

Minimum DB Maximum DB

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APPLICANT: GONEZ, LEONEL JORGE
APPLICANT: SARAS, JAN
APPLICANT: CLAESSON-WELSH, LENA
APPLICANT: HELDIN CARL-HENRIK
TITLE OF INVENTION: EXPRESSION OF NUCLEOTIDE SEQUENCES FOR NOVEL PROTEIN
TITLE OF INVENTION: TYROSINE PHOSPHATASES
TITLE OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: WOLF, GREENFIELD & SACKS, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 2465;
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MEDIUM TYPE: RIOPY disk
COMPUTER: IR PROPY disk
COMPUTER: IRM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/596,291
FILING DATE: 09-AUG-1996
CLASSIFICATION: A35
FRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/115,573
FILING DATE: 01-SEP-1993
ATTORNEY/AGENT INFOMMATION:
NAME: GATES, EDWARD R:
REGISTRATION NUMBER: 31,616
REFERENCE/POCKET NUMBER: 31,616
REFERENCE/POCKET NUMBER: 31,616
RELEPHONE: 617/720-3500
TELEFPAK: 617/720-3501
TELEFPAK: 617/720-3501
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 592.5; DB 2;
Pred. No. 1.3e-60;
                                       US-08-991-953A-3
US-08-446-345-38
US-08-449-644-2
US-09-743-42A-2
US-09-743-42A-9
US-09-744-92A-9
US-09-949-016-8308
US-08-949-016-8833
US-09-949-016-8834
US-09-949-016-8835
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        %Sequence 3, Application US/08596291; Patent No. 5821075; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            600 ATLANTIC AVENUE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2465 amino acids
nino acid
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CITY: BOSTON
STATE: MASSACHUSETTS
COUNTRY: USA
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Best Local Similarity
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TOPOLOGY: li
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Sequence 12, Appli
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Sequence 2, Appli
Sequence 46, Appli
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Sequence 2, Appli
Sequence 2, Appli
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                                                                                                                                                                    April 6, 2005, 15:11:56; search time 26.5702 Seconds (without alignments) 654.615 Million cell updates/sec
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1 ONRDKONRYRDILPYDSTRVP......MIQTKEQYQFCYEIVLEVLQ 233
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Sequence 2,
Sequence 3,
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/cgn2_6/ptodata/1/iaa/SB_COMB.pep:*
/cgn2_6/ptodata/1/iaa/GA_COMB.pep:*
/cgn2_6/ptodata/1/iaa/GB_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
                     GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-100-804-3

US-09-100-804-3

US-09-566-076-12

US-09-20-640-46

US-09-848-294-2

US-09-848-294-2

US-09-848-294-2

US-09-848-294-2

US-09-848-294-2

US-09-144-325-21

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US-08-188-657-5

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US-09-949-016-8049
US-09-949-016-6275
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US-08-087-244A-1
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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seq length: 200000000
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Match Length DB
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Result

483.5 483.5 483.5 476.5

474.5 474.5 469.5 469.5 468 468

1; Gaps

Indels

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1 QNRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQ
Best Local Similarity 47.6%; Pred. No. 1.3e-60;
Matches 111; Conservative 41; Mismatches 80;
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Patent No. 6066472
GENERAL INFORMATION:
APPLICANT: GONEZ, LEONEL JORGE
APPLICANT: GARAS, JAN
APPLICANT: CLAESSON-WELSH, LENA
APPLICANT: HELDIN, CARL-HENRIK
TITLE OF INVENTION: PRIMARY STRUCTURE AND FUNCTIONAL
TITLE OF INVENTION: TYROSINE PHOSPHATASES
                                                                                                                 61 MYLENNCHVIAMITREIECGVIKCYSYMPISL-KEPLEFEHFSVFLETFHVTQYFTVRVF 119
                                                                                                                                                                                            120 QIVKKSIGKSOCVKHLOFIKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRT 179
                                       1 ONRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQ
   Gaps
                                                                                                                                                                                                                                                                                          180 GVFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTKEQYQFCYEIVLEVL 232
   1;
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 80; Indels
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/100,804
 41; Mismatches
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FILING DATE: 09-AUG-1996
APPLICATION NUMBER: US 08/115,573
FILING DATE: 01-SEP-1993
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/09943
FILING DATE: 01-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: 11,616
REFERENCE/DOCKET NUMBER: 10,616
TELEPHONE: 617-720-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PCT/US94/09943
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/596,291
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OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 2465 amino acids
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amino acid
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   111; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: protein US-09-100-804-3
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MEDIUM TYPE: Floppy
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CORRESPONDENCE ADDRESS:
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Sequence 12, Application US/09080855A

Sequence 12, Application US/09080855A

Patent No. 6083721

GENERAL INFORMATION:

APPLICANT: Saras, Jan

APPLICANT: Rapenstrm, Pentus

APPLICANT: Heldin, Ulf

APPLICANT: Heldin, Carl-Henrik

APPLICANT: Heldin, Carl-Henrik

TITLE OF INVERTION: PARG, A GTPASE ACTIVATING PROTEIN WHICH INTERACTS WITH PTPL1

FILE REFERENCE: L0461/7030

CURRENT APPLICATION NUMBER: US/09/080,855A

CURRENT PILING DATE: 1998-05-18

EARLIER APPLICATION NUMBER: 08/805,583

EARLIER FILING DATE: 1997-02-25

NUMBER OF SEQ ID NOS: 39

SOFFWARE: FastSEQ for Windows Version 3.0
                              61 MVLENNCNVIAMITREIECGVIKCYSYWPISL-KEPLEFEHFSVFLETFHVTQYFTVRVF 119
61 MVLENNCNVIAMITREIECGVIKCYSYWPISL-KEPLEFEHFSVFLETFHVTQYFTVRVF 119
                                                                                            120 QIVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRT 179
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Patent No. 6475775
GENERAL INFORMATION:
APPLICANT: Saras, Jan
APPLICANT: Franzn, Petra
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Best Local Similarity
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SEQ ID NO 46
LENGTH: 2485
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APPLICANT: Aspenstrm, Pontus
APPLICANT: Hellman, UIF
APPLICANT: Hellman, UIF
APPLICANT: Heldin, Carl-Henrik
TITLE OF INVENTIVO: PARG, A GTPASE ACTIVATING PROTEIN WHICH INTERACTS WITH PTPL1
FITLE OF INVENTIVO: PARG, A GTPASE ACTIVATING PROTEIN WHICH INTERACTS WITH PTPL1
FILE REFERENCE: L0461/7030
CURRENT APPLICATION NUMBER: US/09/566,076
CURRENT APPLICATION NUMBER: 09/080,855
EARLIER APPLICATION NUMBER: 09/080,855
EARLIER FILING DATE: 1998-05-18
SOFTWARE: FILING DATE: 1998-05-18
SOFTWARE: FILING DATE: 1098-05-18
SOFTWARE: FILING DATE: 1098-05-18
SOFTWARE: FILING DATE: 1098-05-18
SOFTWARE: FILING DATE: 1098-05-18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   120 QIVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRT 179
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EXPRESSION OF NUCLEOTIDE SEQUENCES FOR NOVEL PROTEIN
TYROSINE PHOSPHATASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 QNRDKONRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQ
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                                                                                                                                                                                                                                                                                                                                                                  Length 2466;
                                                                                                                                                                                                                                                                                                                                                                  Query Match 47.3%; Score 592.5; DB 4; Length: Best Local Similarity 47.6%; Pred. No. 1.3e-60; Matches 111; Conservative 41; Mismatches 80; Indels
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CURRENT APPLICATION DATA:
APPLICATION WHER: PCT/US94/09943
FILING DATE: 01-SEP-1994
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, V
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: TWOMEY, MICHAEL J. REGISTRATION NUMBER: P-38,349
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: PRIMARY STR
TITLE OF INVENTION: EXPRESSION OF TITLE OF INVENTION: TYROSINE PH
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
STREET: 600 ATLANTIC AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 06
FILING DATE: 01-SEP-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: BOSTON
STATE: MASSACHUSETTS
                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                               LENGTH: 2466
                                                                                                                                                                                                                                                                                                                            US-09-566-076-12
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APPLICANT:
APPLICANT:
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Sequence 46, Application US/09290640

Patent No. 6204055

GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
APPLICANT: Dean, Nicholas M.
APPLICANT: Marcusson, Eric G.
TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling FILE REPRENCE: ISPH-0351
CURRENT FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 85
SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  61 MVLENNCNVIAMITREIECGVIKCYSYWPISL-KEPLEFEHFSVFLETFHVTQYFTVRVF 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                120 QIVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRT 179
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                                                                                                                                                                                                                                                           47.3%; Score 592.5; DB 5; Length 2466; 47.6%; Pred. No. 1.3e-60;
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47.6%; Pred. No. 1.3e-60;
tive 41; Mismatches 80;
                                                                                                                                                                                                                                                                                                    41; Mismatches
TELECOMPA.:
TELEPHONE: 61.,
TELERAX: 617/720-244.
TELERX: 92-1742 EZEKIEL.
; INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 2466 amino acids
--vor: amino acid
linear: linearid
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Best Local Similarity 47.6%
Matches 111; Conservative
                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 47.6*
Matches 111; Conservative
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US-09-290-640-46
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Query Match
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                                                                                                                                                                                                                                                                                                                                                      1 QNRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEERYFYIATQGPLPETIEDFWQ 60
                                                                                                                                                                                                                                                                                                                             Gaps
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                                                   GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
APPLICANT: Marcusson, Eric G.
APPLICANT: Marcusson, Eric G.
APPLICANT: Wyatt, Jacqueline
TITLE OF INVENTION: Antisense Modulation of Fas Mediated Signaling
FILE REPERENCE: ISPH-0502
CURRENT APPLICATION NUMBER: US/09/665,615B
CURRENT PILING DATE: 1999-04-12
PRIOR APPLICATION NUMBER: US 09/290,640
PRIOR APPLICATION NUMBER: US 09/290,640
PRIOR APPLICATION NUMBER: US 09/290,640
SEQ ID NOS: 179
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 46
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                                                                                                                                                                                                                                                                                                  Length 2485;
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                         Sequence 46, Application US/09665615B Patent No. 6653133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 2, Application US/09848294
Patent No. 6479640
GENERAL INFORMATION:
APPLICANT: TONKS, Nicholas K.
                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     , ORGANISM: Homosapiens
US-09-848-294-2
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    RESULT 7
US-09-665-615B-46
                                                                                                                                                                                                                                   LENGTH: 2485
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HEREAL INCRMANTION:

JAPPLICANT: TORKS, Nicholas K.

TITLE OF INVENTION: Isolation of A cDNA Encoding A No. 6479640el

TITLE OF INVENTION: Protein Tyrosine Phosphotase Which Localizes to Focal

TITLE OF INVENTION: Adhesions and Uses Therefor

TITLE OF INVENTION: Adhesions and Uses Therefor

FILE REFERENCE: CSHL90-04FZA

CURRENT APPLICATION NUMBER: 09/235,251

PRIOR APPLICATION NUMBER: 09/235,251

PRIOR PILING DATE: 1996-10-22

PRIOR PILING DATE: 1996-10-22

PRIOR APPLICATION NUMBER: 08/107,420

PRIOR APPLICATION NUMBER: 08/107,420

PRIOR APPLICATION NUMBER: 09/1663,579

PRIOR APPLICATION NUMBER: 07/663,579

PRIOR PILING DATE: 1991-03-01

PRIOR FILING DATE: 1990-03-14

NUMBER OF SEQ ID NOS: 13

COSTWARE: FASTESEQ for Windows Version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       172 CSAGVGRIGVPICVDVVPSALEKNYSFDIMNIVTQMRKQRCGMIQTXEQYQFCYEIVLEV 231
                                                                                                                                                                                                                                                                             112 QYFTVRVFQIVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHI-TGPLLV 170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           171 HCSAGVGRTGVFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTKEQYQFCYBIVLE 230
                                                                                                                                                                                                                                     54 TIEDFWQMYLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEH--FSVFLETFHVT 111
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                                                                                                                    1 ONRDKNRYRDILPYDSTRVPLGKNKDYINASYI-----RIVNHEEEYFYIATQGPLPE
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39.8%; Score 499; DB 4; Length 913; 42.0%; Pred. No. 4e-50;
                                                                85;
                                 Best Local Similarity 42.0%; Pred. No. 4e-5
Matches 102; Conservative 38; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 7, Application US/09848294
Patent No. 6479640
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Homosapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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US-08-685-992-21
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173 CSAGIGRIGULVIMETAMCLIERNLPIYPLDIVRKMRDQRAMMVQISSQYKFVCEAILRV 232
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CSAGVGRIGVFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTKEQYQFCYEIVL 229
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Ullrich, Axel
APPLICANT: Woller, Niels P.H.
APPLICANT: Moller, Karin B.
TITLE OF INVENTION: NOVEL PROTEIN PHOSPHOTYROSINE
TITLE OF INVENTION: PHOSPHATASES PTP-D1
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  30742
7683-054
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FILING DATE: 22-MAY-1995
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APPLICATION NUMBER: US 08/234,440
FILING DATE: 28-APR-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                       Sequence 37, Application US/08446345
Patent No. 5831009
GENERAL INFORMATION:
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MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: New York STATE: N.Y.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 22 CLASSIFICATION:
                                                                               232 LQ 233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
                                                                                                                                              233 YE 234
                                                                                                                                                                                                                                                                    RESULT 10
US-08-446-345-37
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54 TIEDFWQMVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVFLETFHV--- 110
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               168 LLVHCSAGVGRTGVFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTKEQYQFCYEI 227
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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                                                                                                                                                                                           ADDRESSEE: HAMILION, BROOK, SMITH & REYNOLDS, P.C.
                                                                                                                                                                                                                                                                                          ZIE: 02173
ZIE: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOCTWARE: PastSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/685,992
FILING DATE: 25-UUL-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                       APPLICANT: Tonks, Nicholas
APPLICANT: Flint, Andrew J.
TITLE OF INVENTION: SUBSTRATE TRAPPING PROTEIN
TITLE OF INVENTION: TYROSINE PHOSPHATASES
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           38.9%; Score 487; DB 2;
41.8%; Pred. No. 1.6e-49;
tive 37; Mismatches 79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CSHL96-03
; Sequence 21, Application US/08685992; Patent No. 5912138; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTONNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFRENCE/DOCKET NUMBER: CSHI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 781-861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    21:
                                                                                                                                                                                                             STREET: Two Militia Drive CITY: Lexington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 242 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches 102; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: peptide
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Sequence 5
Patent No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       111 TQYFTVRVFQ--IVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHI-TGP 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LLVHCSAGVGRTGVFICVDVVFSAIBKNYSFDIMNIVTQMRKQRCGMIQTKEQYQFCYBI 227
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               11 QNLDKORYKXKDVLPYDTTRVLLQGNEDYINASYVNMEIPAANLVNK-----YIATQGPLPH 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 242;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         79; Indels
                        Sequence 21, Application US/09144925

Patent No. 5951979

GENERAL INFORMATION:

APPLICANT: Tonks, Nicholas

APPLICANT: Tint, Andrew J.

TITLE OF INVENTION: TYROSINE PHOSPHATASES

NUMBER OF SEQUENCES: 36

CORRESPONDENCE ADDRESS:

ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

STREET: Two Militia Drive

CITY: Lexington

STATE: MA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   38.9%; Score 487; DB 2;
41.8%; Pred. No. 1.6e-49;
tive 37; Mismatches 79
                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FREEKEN FOR Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/144,925
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 QNRDKNRYRDILPYDSTRVPLGKNKDYINASYI---
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 32,227
REFERENCE/DOCKET NUMBER: CSHL96-03Z
TELECOMMUNICATION INFORMATION:
TELEPHONE: 781-961-6240
REFERENCE: 701-961-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/685,992
FILING DATE: July 25, 1996
ATTORNAY AGENT INFORMATION:
NAME: Granahan, Patricia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 242 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 41.8°
Matches 102; Conservative
                                                                                                                                                                                                                                                                                           ZIP: 02421-4799
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 781-861-9540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TOPOLOGY: linear; MOLECULE TYPE: peptide
US-09-144-925-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
STRANDEDNESS: si
                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  :| |
238 ILRV 241
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                                                                                                                                                                                                                                                                               USA
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                     US-09-144-925-21
                                                                                                                                                                                                                                                                               COUNTRY:
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RESULT 12
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RESULT 13 US-08-348-006B-5

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60 OMVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVF-LETFHVTQYFTVRV 118
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    175 GVGRIGVFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTKEQYQFCYEIVLEVL 232
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                                      GENERAL INFORMATION:
APPLICANT: RODAN, GIDEON A.
APPLICANT: SCHMIDT, AZRIEL
APPLICANT: STUTLEDGE, SU JANE
TITLE OF INVENTION: CDNA ENCODING A NOVEL HUMAN PROTEIN
TITLE OF INVENTION: TYROSINE PHOSPHATASE
NUMBER OF SEQUENCES: 7
CORRESPONDENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: J. MARK HAND
STREET: 126 E. LINCOLN AVE., P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/348,006B
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        38.6%; Score 483.5; DB 1
42.0%; Pred. No. 8.3e-48;
tive 44; Mismatches 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/122,032
FILING DATE: 14-SEP-1993
ATTORNEY/AGENT INFORMATION:
5, Application US/08348006B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 5, Application US/08800825A
Patent No. 5866397
GENERAL INFORMATION:
APPLICANT: RODAN, GIDEON A.
APPLICANT: SCHAIDT, AZRIEL
APPLICANT: RUTLEDGE, SU JANE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: HAND, J., MARK
REGISTRATION NUMBER: 36,545
REFERENCE/DOCKET NUMBER: 188
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3905
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1911 amino acids
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS
LENGTH: 1911 amino aci
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           , MOLECULE TYPE: protein US-08-348-006B-5
                                                                                                                                                                                                                                                                                                                       ZIP: 07065-0900
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                 NEW JERSEY
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Best Local Similarity
Matches 100; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
STRANDEDNESS: si
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
                                                                                                                                                                                                                                                            CITY: RAHWAY
                                                                                                                                                                                                                                                                                                       USA
                                                                                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-800-825A-5
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Search completed: April Job time: 27.5702 secs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1786 FKVTDARDGQSRTVRQFQFTDWPEQGVPKSGEGFIDFIGQVHKTKEQFGQDGPISVHCSA 1845
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        60 OMVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVF-LETFHVTQYFTVRV 118
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           119 PQIVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSH----ITGPLLVHCSA 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   5 KNRYRDILPYDSTRVPLG-----KNKDYINASYIRIVNHEEBYFYIATQGPLPETIEDFW 59
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              38.6%; Score 483.5; DB 2; Length 1911; 42.0%; Pred. No. 8.3e-48;
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Patent No. 6214564

GENERAL INFORMATION:
APPLICANT: RODAN, GIDEON A.
APPLICANT: RUTLEDGE, SU JANE
TITLE OF INVENTION: TYROSINE PHOSPHATASE
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: J. MARK HAND - MERCK & CO., INC.
  CDNA ENCODING A NOVEL HUMAN PROTEIN TYROSINE PHOSPHATASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/800,825A FILING DATE: 14-FEB-1997 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    E: J. MARK HAND - MERCK & CO., INC.
126 E. LINCOLN AVE., P.O. BOX 2000
                                                                                  E: J. MARK HAND - MERCK & CO., INC
126 E. LINCOLN AVE., P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           44; Mismatches
                                                                                                                                                                                                                                    E: Floppy disk
IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 435
ATTORNEY, AGENT INPORMATION:
NAME: HAND, J. MARK
REGISTRATION NUMBER: 36,545
REFERENCE/DOCKET NUMBER: 1899
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-3905
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 732-594-4720 INFORMATION FOR SEQ ID NO: 5: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 1911 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 42.0
Matches 100, Conservative
TITLE OF INVENTION: CDN
TITLE OF INVENTION: TYP
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
                                                                                                                                                                   COUNTRY: USA
ZIP: 07065-0900
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: protein
                                                                                                                                                 NEW JERSEY
                                                                                                                                                                                                                                                                                 OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: NEW JERSEY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
STRANDEDNESS: si
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RAHWAY
                                                                                                                               RAHWAY
                                                                                     ADDRESSEE:
STREET: 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-800-825A-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-158-657-5
                                                                                                                               CITY: F
STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
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6, 2005, 15:45:02

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1786 FKVTDARDGQSRTVRQFQFTDWPEQGVPKSGEGFIDFIGQVHKTKEQFGQDGFISVHCSA 1845
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  60 QMVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVF-LETFHVTQYFTVRV 118
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       119 FQIVKKSTGKSOCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSH----ITGPLLVHCSA 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       175 GVGRTGVFICVDVVFSALEKNYSPDIMNIVTQMRKQRCGMIQTKEQYQFCYEIVLEVL 232
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           5 KNRYRDILPYDSTRVPLG-----KNKDYINASYIRIVNHEBEYFYIATQGPLPETIEDFW
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels 15;
                                                           OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/158,657
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 483.5; DB 3
Pred. No. 8.3e-48;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    44; Mismatches
                                                                                                                                              FILING DATE:
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/800,825
FILING DATE: 14-FEB-1997
ATTORNEY/ABORT INFORMATION:
                                                                                                                                                                                                                                                                                                                                 18992DA
                                           IBM PC compatible
                                                                                                                                                                                                                                                                                   NAME: HAND, J. MARK
REGISTRATION NUMBER: 36,54:
REFERENCE DOCKET NUMBER: 1:
TELECOMMUNICATION INFORMATION
TELEPHONE: 732-594-3905
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      38.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 42.09
Matches 100; Conservative
                                                                                                                                                                                                                                                                                                                                                                                               732-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
STRANDEDNESS: si
                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-158-657-5
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6, 2005, 15:38:11; Search time 79.3699 Seconds (without alignments) 974.619 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                  US-09-095-478A-6_COPY_225_457
1253
1 QNRDKNRYRDILPYDSTRVP......MIQTKEQYQFCYBIVLEVLQ 233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | cgn2 6/ptodata/1/pubpaa/US07 PUBCOMB.pep:*
| cgn2 6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
| cgn2 6/ptodata/1/pubpaa/US06 NEW_PUB.pep:*
| cgn2 6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
| cgn2 6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
| cgn2 6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
| cgn2 6/ptodata/1/pubpaa/US08 NEW_PUB.pep:*
| cgn2 6/ptodata/1/pubpaa/US08 NEW_PUB.pep:*
| cgn2 6/ptodata/1/pubpaa/US08 PUBCOMB.pep:*
| cgn2 6/ptodata/1/pubpaa/US09A_PUBCOMB.pep:*
| cgn2 6/ptodata/1/pubpaa/US09A_PUBCOMB.pep:*
| cgn2 6/ptodata/1/pubpaa/US09A_PUBCOMB.pep:*
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/ cgn2 6/ptodata/1/pubpaa/US10B PUBCOMB.pep;
/ cgn2 6/ptodata/1/pubpaa/US10B PUBCOMB.pep;
/ cgn2 6/ptodata/1/pubpaa/US10 PUBCOMB.pep;
/ cgn2 6/ptodata/1/pubpaa/US10 NEW PUB.pep;
/ cgn2 6/ptodata/1/pubpaa/US10 NEW PUB.pep;
/ cgn2 6/ptodata/1/pubpaa/US60 NEW PUB.pep;
/ cgn2 6/ptodata/1/pubpaa/US60 NEW PUB.pep;
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ptodata/1/pubpaa/US09C_PUBCOMB.pep:*
ptodata/1/pubpaa/US09_NEW_PUB.pep:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1418010
GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1418010 segs, 331997259 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Published_Applications_AA:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                       OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Minimum DB seg length: 0
Maximum DB seg length: 2000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                      BLOSUM62
                                                                                                                                                                                           April
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Scoring table:
                                                                                                                                                                                                                                                                                                                                                       Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Database :
                                                                                                                                                                                                                                                                                                                                                                                            Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Searched:
                                                                                                                                                                                           Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

		Description	Sequence 6, Appli	Sequence 8, Appli	Sequence 1, Appli	2	Sequence 3, Appli	Sequence 4, Appli	Sequence 4, Appli	7	6	Sequence 35, Appl	Sequence 56, Appl	Sequence 12, Appl	Seguence 46, Appl
COLUMNICO		ΙD	US-09-095-478-6	US-09-095-478-8	US-09-095-478-1	US-09-095-478-2	US-09-095-478-3	US-10-311-764-4	US-09-095-478-4	US-09-095-478-7	US-09-095-478-9	US-10-060-065-35	US-10-059-585-56	US-10-177-980-12	US-09-802-669-46
		th DB	354 10	79 10	26 10	63 10	12 10	20 15	22 10	81 10	58 10	67 14	67 14	66 14	85 9
	& Query	tch Leng							53.3						
•		Score Ma	•	•	•	1253 10						592.5			
	Result	No.	1	7	ю	4	2	v	7	80	6	10	11	12	13

-46 A-1349 Sequence 1: -5 Sequence 5: -93 Sequence 9: -94 Sequence 9: -94 Sequence 9: -94 Sequence 2: -19 Sequence 2: -10 Sequence 3: -10 Sequ	Sequence	40 Sequence 44 42 Sequence 2 44 Sequence 2 44 Sequence 2 44 Sequence 4 44 Sequence 6 4 Sequence 6 4 Sequence 6 4 Sequence 6 4 Sequence 6 7 Sequence 7 8 Sequence 7 9 Sequence 7 14 Sequence 14
US-10-619 US-10-408 US-09-095 US-10-087 US-10-087 US-10-087 US-10-087 US-10-087 US-10-087	346-54 348-294 328-294 308-629 308-603 308-603 1245-53	US-10-772-636- US-10-723-606- US-10-390-501- US-10-366-547- US-10-723-606- US-10-723-606- US-10-72-636- US-10-634-027- US-10-634-027- US-10-634-027- US-10-634-027- US-10-634-027- US-10-634-027- US-10-634-027-
21 10 10 10 10 10 10 10 10 10 10 10 10 10	1 0 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 0 1 1 0	110 110 110 110 110 110 110
2488 2488 1225 2632 2632 2632 2632 2633 2633 2633 2	10 2 2 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3416 1337 1337 1337 1337 1444 1312 312 1450 1450
		2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.4. 88.8.4.8.8.8.9.4.9.9.9.9.9.9.9.9.9.9.9.9	4 44444 6 444444 6 6 444444 7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
114 116 117 118 118 119 119 119 119 119 119 119 119	4 2 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	,

## ALIGNMENTS

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RESULT.

US-09-055-478-6

Sequence 6, Application US/09095478

Publication No. US20030095970A1

GENERAL INFORMATION:
TITLE OF INVENTION: PHOSPHATASE SUPTPOS AND
TITLE OF INVENTION: PHOSPHATASE SUPTPOS AND
TITLE OF INVENTION: METHODS

NUMBER OF SEQUENCES:
NUMBER OF SEQUENCES: 25

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 613 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STREET: Suite 4700
CITY: Los Angeles
COUNTRY: Los Angeles
STREET: Suite 4700
CITY: Los Angeles
COUNTRY: Los Angeles
STREET: Suite 4700
CITY: Los Angeles
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 15-06
COMPUTER: STREET: Storage
COMPUTER: BADABLE FORM:
MEDIUM TYPE: STOREM: IBM Compatible
COMPUTER: PREADABLE FORM:
MEDIUM TYPE: STOREM: US/09/095,478
FILING DATE:
CLASSIFICATION NUMBER: US/09/095,478
FILING DATE:
CLASSIFICATION NUMBER: TSAINGES:
FILING DATE:
FILING
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67-3510
                                                                LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                178 MVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVFLETFHVTQYFTVRVFQ 237
                                                                                                                                                                                                                                                                                                                                                                                                                           118 QNRDKARYRDILPYDSTRVPLGKAKDYINASYIRIVNHEEEYFYIAŢĢGPLPETIEDFWQ 177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            121 IVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRTG 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 QNRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEBEYFYIATQGPLPETIEDFWQ 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   181 VPICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTKBQYQFCYEIVLEVLQ 233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             298 VFICYDVVFSAIEKNYSFDIMNIVTOMRKQRCGMIQTKEQYQFCYEIVLEVLQ 350
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                                                                                                                                                                                                                                                                                               Length 354;
                                                                                                                                                                                                                                                                                                                                    0; Indels
                                                                                                                                                                                                                                                                                        100.0%; Score 1253; DB 10;
100.0%; Pred. No. 9.5e-126;
Live 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Plowman: Gregory
TITLE OF INVENTION: NOVEL PROTEIN TYROSINE
TITLE OF INVENTION: PHOSPHATASE SUPTPOS AND
TITLE OF INVENTION: RELATED PRODUCTS AND
TITLE OF INVENTION: METHODS
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSE: Lyon & Lyon
STREET: 613 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STRATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: Storage
COMPUTER: 13.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: FRASESCO for Windows 2.0
CURRENT APPLICATION NUMBER: US/09/095,478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-095-478-8
; Sequence 8, Application US/09095478
; Publication No. US20030095970A1
; GENERAL INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEX: (7-3510
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 354 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
ATTORNEY AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 224/
TELECOMMUNICATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    : (213) 489-1600
(213) 955-0440
                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100.7
Matches 233, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                 ; TOPOLOGY: linear;
; MOLECULE TYPE: Peptide
US-09-095-478-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           263 IVKKSTGKSQCVKHLQPTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRTG 322
                                                                                                                                                                                                                                                                                                                                                                              143 QNRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEBYFYIATQGPLPETIEDFWQ 202
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      203 MVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVFLETFHVTQYFTVRVFQ 262
                                                                                                                                                                                                                                                                                                                                                                                                                                                       61 MVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVFLETFHVTQYFTVRVFQ 120
                                                                                                                                                                                                                                                                                                                                                1 QNRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEBEYFYIATQGPLPETIEDFWQ 60
                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         181 VFICYDVVFSAIBKNYSFDIMNIVTOMRKORCGMIOTKEOYOFCYBIVLEVLQ 233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        .
0
                                                                                                                                                                                                                                           DB 10; Length 379;
                                                                                                                                                                                                                                                                                             Indels
                                                                                                                                                                                                                                        Query Match 100.0%; Score 1253; DB 10; Best Local Similarity 100.0%; Pred. No. 1e-125; Matches 233; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Squence 1, Application US/09095478
| Publication No. US20030099970A1
| Publication No. US20030099970A1
| GENERAL INFORMATION:
| APPLICAT: Plowman, Gregory
| TITLE OF INVENTION: PHOSPHATASE SuPTPOS AND
| TITLE OF INVENTION: RELATED PRODUCTS AND
| TITLE OF INVENTION: RELATED PRODUCTS AND
| TITLE OF INVENTION: METHODS NUMBER OF SEQUENCES: 25
| CORRESPONDENCE ANDRESS: |
| ADDRESSE: Lyon & Lyon STREET: 633 West Fifth Street
| STREET: 633 West Fifth Street
| STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.

ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,478
FILING APPLICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
RERENNCE/DOCKET NUMBER: 224,
TELECOMMUNICATION INFORMATION:
TELEFAX: (213) 489-1600
TELEFAX: (213) 955-0440
TELEFAX: 67-3510
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J
                                                     LENGTH: 379 amino acids
TYPE: amino acid
STRANDEDNESS: single
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: Peptide
US-09-095-478-8
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linear
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      TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                248 MVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVFLETFHVIQYFTVRVFG 307
                                                                                                                                                                                                                                                                                                       61 MVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVFLETFHVTQYFTVRVFQ 120
                                                                                                                                                                                                                                                                                                                                                                                       121 IVKKSTGKSQCVKHLQFTXWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRTG 180
                                                                                                                                                                                                                                                                                                                                                                                                            1 ONRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEBEYFYIATQGPLPETIEDFWQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            368 VFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTKEQYQFCYEIVLEVLQ 420
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       181 VFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTKEQYQFCYEIVLEVLQ 233
                                                                                                                                                                                     ô
                                                                                                                                           100.0%; Score 1253; DB 10; Length 426; 100.0%; Pred. No. 1.2e-125; ive 0; Mismatches 0; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Plowman, Gregory
TITLE OF INVENTION: NOVEL PROTEIN TYROSINE
TITLE OP INVENTION: PHOSPHATASE SUPTPOS AND
TITLE OF INVENTION: RELATED PRODUCTS AND
TITLE OF INVENTION: METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/ACENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REERENCE/DOCKET NUMBER: 224/115
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
TELERX: (7-3510
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGYTH: 463 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PESSEE for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 2, Application US/09095478 Publication No. US20030095970A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
LENGTH: 426 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                   Conservative
                                                           ; TOPOLOGY: linear; MOLECULE TYPE: Peptide US-09-095-478-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Ly
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Los Angeles
STATE: California
                                                                                                                                      Query Match
Best Local Similarity
Matches 233; Conserv
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225 QNRDKORYKDILPYDSTRVPLGKNKDYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQ 284
                                                                                                                                                                                                                                                                                                                        285 MVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVFLETFHVTQYFTVRVFQ 344
                                                                                                                                                                                                                                                                                                                                                                                               121 IVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRTG 180
                                                                                                                                                                                                                                                                                                                                                                                                                             345 IVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRKSHITGPLLVHCSAGVGRTG 404
                                                                                                                                                                                    9
                                                                                                                                                                                    1 QNRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEBYFYIATQGPLPETIEDFWQ
                                                                                                                                                                                                                                                                                          61 MVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVFLETFHVTQYFTVRVFQ
                                                                                                                                   Gaps
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                                                                                                                                °,
                                                                            100.0%; Score 1253; DB 10; Length 463; 100.0%; Pred. No. 1.4e-125; tive 0; Mismatches 0; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SQUENCE 3, Application US/0905478
Publication No. US20030095970A1
GENERAL INFORMATION:
TITLE OF INVENTION: NOVEL PROTEIN TYROSINE
TITLE OF INVENTION: RELATED PRODUCTS AND
TITLE OF INVENTION: RELATED PRODUCTS AND
TITLE OF INVENTION: METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READBLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 1.5" Diskette, 1.44 Mb
MEDIUM TYPE: 5.5" OSPRATES: 1EM Compatible
OPERATING SYSTEM: 1EM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION NUMBER: US/09/095,478
APPLICATION NUMBER: US/09/095,478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 224/115
REFERENCE/DOCKET NUMBER: 224/115
TELECOMMUNICATION INFORMATION:
TELEPAK: (213) 489-1600
TELEPAK: (7-3510
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth Street STREET: Suite,4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 412 amino acids
                                                                            Query Match
Best Local Similarity 100.0
Matches 233; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: DOY
TITLE OF INVENTION: PHO
TITLE OF INVENTION: REL.
TITLE OF INVENTION: METI
NUMBER OF SEQUENCES: 25
CORRESSEDUBLIC ADDRESSE:
ADDRESSEE: Lyon & Lyon
; MOLECULE TYPE: Peptide US-09-095-478-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 single
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California
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STRANDEDNESS: si
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CLASSIFICATION:
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                                                                                                                                          61 MVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVFLETFHVTQYFTVRVFQ 120
                                                                                                                                                                                                                                                      248 MVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVFLETFHVTQYFTVRVFQ 307
                                                                                                                                                                                                                                                                                                                             IVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRTG 180
                                                                                                                                                                                                                                                                                                                                                                     1 QNRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEBEYFYIATQGPLPETIEDFWQ 60
                                                           Gaps
                                                           ;
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     Length 412;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: INCTES GENOMICS, INC.; AU-YOUNG, Janice K. APPLICANT: BAUGHN, Mariah R.; DING, Li
APPLICANT: ELLIOTT, VICKI S.; GANDHI, Amena R.
APPLICANT: GELFFH, Jennifer A.; HAFALIA, April J.A.
APPLICANT: KEANEY, Liam; LEE, Ernestine A.
APPLICANT: ANVIZU, Chandra S.; RAMKUMAR, Jayalaxmi
APPLICANT: REDY, Roopa M.; RAMKUMAR, Jayalaxmi
APPLICANT: REDY, Roopa M.; RAMKUMAR, Jayalaxmi
APPLICANT: TRORNTON, Michael B.; TRIBOULEY, Catherine M.
APPLICANT: GHAWLA, Marinder K.; TANG, Y. Tom
APPLICANT: CHAWLA, Marinder K.; YANG, Junming
APPLICANT: YAO, Monique G.; YUE, Henry
TITLE OF INVENTION: PROTEIN PHOSPHATASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; NAME/KEY: misc_feature
; OTHER INORMATION: Incyte ID No. US20040023245A1 7476861CD1
[S-10-311-764-4
                                                        0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                   181 VFICVDVVFSAIEKNYSFDIMNIVTOMRKORCGMIQTK 218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        368 VFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTK 405
93.7%; Score 1174; DB 10;
100.0%; Pred. No. 3.5e-117;
ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TILE OF INVENTION: FROIGEN PROSPHATABLES

CURRENT APPLICATION NUMBER: US/10/311,764

CURRENT FILING DATE: 2002-12-16

PRIOR PELICATION NUMBER: PT/US01/19442

PRIOR PELING DATE: 2001-06-14

PRIOR PELING DATE: 2000-06-16

PRIOR PELING DATE: 2000-06-20

PRIOR PELING DATE: 2000-06-22

PRIOR APPLICATION NUMBER: US 60/215,210

PRIOR APPLICATION NUMBER: US 60/215,210

PRIOR APPLICATION NUMBER: US 60/215,210

PRIOR PLING DATE: 2000-06-29

PRIOR PLING DATE: 2000-06-29

PRIOR PLING DATE: 2000-07-06

PRIOR PLING DATE: 2000-07-12

PRIOR PELING DATE: 2000-07-12

PRIOR PELING DATE: 2000-07-12

PRIOR PELING DATE: 2000-07-21

PRIOR PELING DATE: 2000-07-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 4, Application US/10311764
Publication No. US20040023245A1
                            Best Local Similarity 100.0
Matches 218; Conservative
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Best Local Similarity 78.9°
Matches 183; Conservative
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LENGTH: 420
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     Query Match
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2 NRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEBEYFYIATQGPLPETIEDFWQM

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243 VLENNSNVIAMITREIEGGIIKCYHYWPISLKKPLELKHFRVFLENYQILQYFIIRRFQV 302
62 VLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVFLETFHVTQYFTVRVFQI 121
                                                                                                                                                                 122 VKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRTGV 181
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    57 DFWQMVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVFLETFHVTQYFTV 116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               9
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                                                                                                                                                                                                                                                                                  182 FICUDUVESAIEKNYSFDIMNIVTOMRKORCGMIQTKEOYOFCYEIVLEVLO 233
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Best Local Similarity 100.0%; Pred. No. 1.5e-63;
Matches 122; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1, Gregory
NOVEL PROTEIN TYROSINE
PHOSPHATASE SUPTPOS AND
RELATED PRODUCTS AND
METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 90071-2066
COMPUTER READBLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPOTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SUFTARE: FastESE for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: NOVEL PROTEIN
TITLE OF INVENTION: PHOSPHATASE SITILE OF INVENTION: RELATED PRODU
TITLE OF INVENTION: METHODS
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                 ; Sequence 4, Application US/09095478; Publication No. US2030095970A1; GENERAL INFORMATION: APPLICANT: Plowman, Gregory
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION:
PRICATION NUMBER:
FILING DATE:
ATTORNEY/AGBAT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 224/
TELEPHONE: (213) 955-0440
TELEPAX: (213) 955-0440
TELEPAX: (57-3510
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TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: Peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-095-478-4
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61 MVLENNCNVIAMITREIECGVIKCYSYWPISL-KEPLEFEHFSVFLETFHVTQYFTVRVF 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       120 QIVKKSIGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRT 179
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 QNRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             181 MIWEQKSTVIAMMTQEVEGEKIKCORYWPNILGKTTMVSNRLRLALVRMQQLKGFVVRAM
                                         177 GRIGVFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTKEQYQFCYEIVLEVL 232
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    180 GVFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTKEQYQFCYEIVLEVL 232
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            47.3%; Score 592.5; DB 10; Length 358; 47.6%; Pred. No. 8.1e-55; tive 41; Mismatches 80; Indels 1;
                                                                                                                                                       Sequence 9, Application US/09095478
| Publication No. US20030095970A1
| GENERAL INFORMATION:
| TITLE OF INVENTION: PHOSPHATASE SUFFROS AND TITLE OF INVENTION: RELATED PRODUCTS AND TITLE OF INVENTION: RELATED PRODUCTS AND TITLE OF INVENTION: METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 224/115
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IEM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: RestSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,478
                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEX: 67-3510
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 358 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 47.6*
Matches 111; Conservative
                                                                                                                                                                                                                                     TITLE OF INVENTION: PHOSITICAL OF INVENTION: PHOSITICAL OF INVENTION: RELATIONED OF SEQUENCES: 25 COMBERS OF SEQUENCES: ADDRESSE CADDRESSE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: Peptide
                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                         US-09-095-478-9
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                           RVFQIVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGV 120
RVFQIVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGV 176
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 ONRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQ
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50.0%; Pred. No. 2e-55;
ive 37; Mismatches 74; Indels
                                                                                                                                                                                                                                                         TITLE OF INVENTION: NOVEL PROTEIN TYROSINE
TITLE OF INVENTION: PHOSPHATASE Suprios AND
TITLE OF INVENTION: RELATED PRODUCTS AND
TITLE OF INVENTION: RELATED PRODUCTS AND
TITLE OF INVENTION: METHODS
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PEAFESQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,478
                                                                                                                                                                                                                                                                                                                                                                                        STATE: California COUNTRY: U.S. A
                                                                                                                                                                                                                  Sequence 7, Application US/09095478
Publication No. US20030095970A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       32,327
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (213) 955-0440
TELEPAX: 67-3510
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 381 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,3
REFRENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: Peptide
                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Plowman,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 118; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
STRANDEDNESS: sir
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                                                                             GR 178
                                                                                                            121 GR 122
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117
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SENERAL INFORMATION

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APPLICANT: Keiichi Nagai
APPLICANT: Tetsuji Otsuki
APPLICANT: Shin-Ichi Funahashi
APPLICANT: Chiaki Senco
APPLICANT: Jun-Ichi Nezu
APPLICANT: Jun-Ichi Nezu
TITLE OF INVENTION: NOVEL GENES ENCODING PROTEIN KINASE/PROTEIN PHOSPHATASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            61 MVLENNCNVIAMITREIECGVIKCYSYWPISL-KEPLEFEHFSVFLETFHVTQYFTVRVF 119
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1198 GTLICIDVVLGLISQDLDFDISDLVRCMRLQRHGMVQTEDQYIFCYQVILYVL 1250
301 GTLICIDVVLGLISQDLDFDISDLVRCMRLQRHGMVQTEDQYIFCYQVILYVL 353
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         180 GVFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTKEQYOFCYEIVLEVL 232
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        47.3%; Score 592.5; DB 14; Length 1267; 47.6%; Pred. No. 4.2e-54; Live 41; Mismatches 80; Indels 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT FILLING DATE: 2002-01-29

PRIOR APPLICATION NUMBER: PCT/JP00/05061

PRIOR FILLING DATE: 2000-01-29

PRIOR FILLING DATE: 100-128

PRIOR FILLING DATE: 1999-10-18

PRIOR FILLING DATE: 1999-10-18

PRIOR PELLING DATE: 1999-10-18

PRIOR APPLICATION NUMBER: US 60/183,322

PRIOR FILLING DATE: 1999-07-29

PRIOR FILLING DATE: 1999-07-29

PRIOR FILLING DATE: 2000-02-17

PRIOR FILLING DATE: 2000-01-11

PRIOR FILLING DATE: 2000-01-11

PRIOR FILLING DATE: 2000-05-02

PRIOR FILLING DATE: 2000-05-02

PRIOR FILLING DATE: 2000-05-02

PRIOR FILLING DATE: 2000-05-02

PRIOR FILLING DATE: 2000-05-03

NUMBER OF SEQ ID NOS: 43

SEQ ID NOS: 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/060,065
PRIOR APPLICATION NUMBER: 2002-01-20
PRIOR APPLICATION DATE: 2002-01-20
                                                                                                                      Sequence 35, Application US/10060065
Publication No. US20030017480A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                        Jun-Ichi Yamamoto
Shizuko Ishii
Tomoyasu Sugiyama
                                                                                                                                                                                                                                                  Tetsuo Nishikawa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity 47.68
Matches 111; Conservative
                                                                                                                                                                                            APPLICANT: Toshio Ota
APPLICANT: Takao Isogai
                                                                                                                                                                                                                                                                            Koji Hayashi
                                                                                                                                                                                                                                                                                                 Kaoru Otsuka
                                                                                                                                                                                                                                                                                                                                                                                                      Ai Wakamatsu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Homo sapiens
                                                                        RESULT 10
US-10-060-065-35
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Sequence 56, Application US/10059585; Publication No. US20030082776A1

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RESULT 11 US-10-059-585-56

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APPLICANT: GONEZ, Leonel Jorge
APPLICANT: Heldin, Carl-Henrik
IIILE OF INVENTION: PARG, A GTPASE ACTIVATING PROTEIN WHICH INTERACTS WITH PTPL1
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                                                                                                                                                                                                                                             APPLICANT: Wakamatsu, Ali
APPLICANT: Nagai, Keiichi
APPLICANT: Otsuki, Teteuji
APPLICANT: Otsuki, Teteuji
APPLICANT: Punahashi, Shin-Ichi
APPLICANT: Panahashi, Shin-Ichi
APPLICANT: Senoo, Chiaki
APPLICANT: Nezu, Jun-Ichi
ITILE OF INVENTION: NUVEL GENES ENCODING PROTEIN
ITILE OF INVENTION: NUMBER: US/10/059,585
CURRENT FILING DATE: 2002-01-29
CURRENT FILING DATE: 2000-07-28
PRIOR PILING DATE: 2000-07-28
PRIOR PILING DATE: 2000-02-17
PRIOR PILING DATE: 2000-02-17
PRIOR PILING DATE: 2000-02-17
PRIOR PILING DATE: 2000-01-18
PRIOR PILING DATE: 2000-01-11
PRIOR PILING DATE: 2000-01-11
PRIOR PILING DATE: 2000-01-11
PRIOR PILING DATE: 2000-01-01
PRIOR PILING DATE: 2000-05-02
PRIOR PILING DATE: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 47.3%; Score 592.5; DB 14; Best Local Similarity 47.6%; Pred. No. 4.2e-54; Matches 111; Conservative 41; Mismatches 80;
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Publication No. US20030166232A1
GENERAL INFORMATION:
APPLICANT: Sraas, Jan
APPLICANT: Aspenstrm, Petra
APPLICANT: Aspenstrm, Pontus
APPLICANT: Hellman, Ulf
                                                                       Otsuka, Kaoru
Yamamoto, Jun-ichi
Ishii, Shizuko
                                                                                                                                                                                                  Sugiyama, Tomoyasu
Wakamatsu, Ai
Nishikawa, Tetsuo
                                      Hayashi, Koji
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-059-585-56
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US-10-177-980-12
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Patent No. US20020004490A1

GENERAL INFORMATION:

APPLICANT: Dean, Nicholas M.

APPLICANT: Marcusson, Eric G.

APPLICANT: Watt, Jacqueline

APPLICANT: Anany, Honger Compound Modulation of Fas Mediated Signaling

TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling

TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling

FILE REFERENCE: ISPH-545

CURRENT PELING DATE: 2001-03-09

PRIOR FILING DATE: 2000-09-18

PRIOR FILING DATE: 1999-04-12

NUMBER OF SEQ ID NOS: 180

SOFTWARE: PatentIN Ver. 2.0

SEQ ID NO 46

LENGTH: 2485
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2217 ENRRKONRYKNILPYDATRVPLGDEGGYINASFIKIPVGKEEFVYIACQGPLPTTVGDFWQ 2276
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   120 QIVKKSTGKSQCVKHLQFTXWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRT 179
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47.3%; Score 592.5; DB 9; Length 2485;
Best Local Similarity 47.6%; Pred. No. 1e-53;
Matches 111; Conservative 41; Mismatches 80; Indels 11; Gaps
                                                                                                                                                                                                                                                                                                                                                                      1; Gaps
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                                                                                                                                                                                                                                                                                                                       47.3%; Score 592.5; DB 14; Length 2466; 47.6%; Pred. No. 1e-53; Indels 1; ive 41; Mismatches 80; Indels 1;
FILE REFERENCE: L0461/7030
CURRENT APPLICATION NUMBER: US/10/177,980
CURRENT FILING DATE: 2002-06-21
PRIOR APPLICATION NUMBER: US/09/080,855
PRIOR FILING DATE: 1998-05-18
PRIOR FILING DATE: 1998-02-25
NUMBER OF SEQ ID NOS: 39
SOFTWARE: P8ELSEQ for Windows Version 3.0
SEQ ID NO 12
LENGTH: 2466
                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 47.68
Matches 111; Conservative
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US-09-802-669-46
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                                                                                                                                                                                                                                                                    ; UK-10-177-980-12
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US-09-802-669-46
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2236 ENRRKNRYKNILPYDATRVPLGDEGGYINASFIKIPVGKEBFVYIACQGPLPTTVGDFWQ 2295
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Publication No. US20040101874A1

GENERAL INFORMATION:

APPLICANT: Ghosh, Soumitra S.

APPLICANT: Tahy, Eoin D.

APPLICANT: Chang, Bing
APPLICANT: Glbson, Bradford W.

APPLICANT: Glbson, Bradford W.

APPLICANT: Glbson, Bradford W.

APPLICANT: Glbson, Bradford W.

APPLICANT: Taylor, Steven W.

APPLICANT: Marnock, Dale E.

TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION

TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME

FILE REFERENCE: 660088.465

CURRENT APPLICATION NUMBER: US/10/408,765A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 47.3%; Score 592.5; DB 15; Length 2485; Best Local Similarity 47.6%; Pred. No. 1e-53; Matches 111; Conservative 41; Mismatches 80; Indels 1;
                                                                                180 GVFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTKEQYQFCYEIVLEVL
                                                                                                                                                                                                                            Sequence 46, Application US/10619220
Publication No. US20040033979A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; ORGANISM: Homo sapiens
US-10-619-220-46
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2296 MIWEQKSTVIAMMIQEVEGERIKCQRYWPNILGKTTMVSNRLRLALALVRWQQLKGFVVRAM 2355
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                                                                                                                                                 47.3%; Score 592.5; DB 16; Length 2485;
47.6%; Pred. No. 1e-53;
tive 41; Mismatches 80; Indels 1;
CURRENT FILING DATE: 2003-04-04
NUMBER OF SEQ ID NOS: 3077
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1349
LENGTH: 2485
                                                                                                                                                 Query Match
Best Local Similarity 47.64
Matches 111; Conservative
                                                                               TYPE: PRT
ORGANISM: Homo sapiens
US-10-408-765A-1349
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Search completed: April 6, 2005, 16:05:13 Job time : 80.3699 secs

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Query Match
Best Local Similarity
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  Sequence 12, Appl
Sequence 12, Appl
Sequence 46, Appl
Sequence 46, Appl
Sequence 46, Appl
Sequence 16, Appl
Sequence 17, Appl
Sequence 21, Appl
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6275, Ap
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1174
1 QNRDKNRYRDILPYDSTRVP......DIMNIVTQMRKQRCGMIQTK 218
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.: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*

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.: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
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.: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
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                       GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-100-804-3

US-09-100-804-3

US-09-566-076-12

US-09-566-076-12

US-09-655-618-46

US-09-848-294-2

US-09-848-294-2

US-08-846-345-37

US-08-446-345-37

US-09-144-925-21

US-09-144-925-21

US-09-144-925-21

US-09-144-925-21

US-09-144-925-21

US-09-144-153-2

US-09-144-153-2

US-08-854-585-2

US-08-857-244A-1
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US-08-991-953A-3
US-08-348-006B-5
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                                                                                                                                                                                                                                                                                                                                                                                                         513545 seqs, 74649064 residues
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Maximum Match 100%
Listing first 45 summaries
                                                                                                          - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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seq length: 200000000
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Match Length DB
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APPLICANT: GONEZ, LEONEL JORGE
APPLICANT: GARAS, JAN
APPLICANT: CLAESSON-WELSH, LENA
APPLICANT: CLAESSON-WELSH, LENA
APPLICANT: CLAESSON-WELSH, LENA
TITLE OF INVENTION: EXPRESSION OF NUCLEOTIDE SEQUENCES FOR NOVEL PROTEIN
TITLE OF INVENTION: TROSINE PHOSPHATASES
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS: 4
CORRESSONDENCES: 4
ADDRESSEE: WOLF, GREENFIELD & SACKS, P.C.
STREET: 600 ATLANTIC AVENUE
                                                                                                                                                                                                                                   8833, Ap
8834, Ap
8835, Ap
8836, Ap
8837, Ap
8838, Ap
4, Appli
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Sequence 14, Appl
Sequence 8833, Ap
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MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPTRE: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/596,291
FILING DATE: 09-AUG-1996
CLLASSIFICATION: 435
FRICK APPLICATION DATA:
APPLICATION NUMBER: US 08/115,573
FILING DATE: 01-SEP-1993
ATTORNEY/AGENT INFORMATION:
NAME: GATES, EDWARD R.
REFERENCE/DOCKET NUMBER: 31,616
REFERENCE/DOCKET NUMBER: 1.0461/7000
TELECOMMUTICATION INFORMATION:
TELECOMMUTICATION INFORMATION:
TELECOMMUTICATION INFORMATION:
TELECOMMUTICATION INFORMATION:
TELECOMMUTICATION INFORMATION:
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Pred. No. 3.6e-53;
US-08-800-825A-5

US-09-158-657-5

US-09-848-224-9

US-09-144-224-9

US-09-144-925-14

US-09-949-016-8833

US-09-949-016-8833

US-09-949-016-8835

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US-09-949-016-8051

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US-09-949-016-8053

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US-09-949-016-8053
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; Sequence 3, Application US/08596291; Patent No. 5821075; GENERAL INFORMATION:
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CITY: BOSTON
STATE: MASSACHUSETTS
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 617/720-2441
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TOPOLOGY: li
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1; Gaps

Indels

Local Similarity 47.0%; Pred. No. 3.6e-53; nes 103; Conservative 37; Mismatches 78;

1 ONRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQ

61 MVLENNCNVIAMITREIECGVIKCYSYWPISL-KEPLEFEHFSVFLETFHVTQYFTVRVF 119

180 GVFICVDVVFSAIEXNYSFDIMNIVTQMRKQRCGMIQTK 218

120 QIVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRT

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Matches
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                                                            61 MVLENNCNVIAMITREIECGVIKCYSYWPISL-KEPLEFEHFSVFLETFHVTQYFTVRVF 119
                                                                                                                                                                                     120 QIVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRT 179
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCES FOR NOVEL PROTEIN
                                 1 QNRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQ 60
 1; Gaps
78; Indels
                                                                                                                                                                                                                                                                                     2396 GTLICIDVVLGLISQDLDFDISDLVRCMRLQRHGMVQTE 2434
                                                                                                                                                                                                                                                              180 GVFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTK 218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/100,804
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: CLAESSON-WELSH, LENA
APPLICANT: HELDIN, CARL-HERRIK
TITLE OF INVENTION: PRIMARY STRUCTURE AND FUN
TITLE OF INVENTION: EXPRESSION OF NUCLEOTIDE
TITLE OF INVENTION: TYROSINE PHOSPHATASES
37; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          WOLF, GREENFIELD & SACKS, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
PRIOR APPLICATION DATA:
PREDE TOTION DATA:
PEPLICATION NUMBER: US 08/596,291
FILING DATE: 09-AUG-1996
APPLICATION NUMBER: US 08/115,573
FILING DATE: 01-SEP-1993
FRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/09943
FILING DATE: 01-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: 1,0461/7003
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                       US-09-100-804-3; Sequence 3, Application US/09100804; Patent No. 6066472; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   GONEZ, LEONEL JORGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         600 ATLANTIC AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 2465 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
103; Conservative
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STATE: MASSACHUSETTS
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: WOLF, GRE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: protein
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APPLICANT:
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APPLICANT: Sarae, Jan
APPLICANT: Sarae, Jan
APPLICANT: Sarae, Jan
APPLICANT: Franzn, Petra
APPLICANT: Aspenstrm, Pontus
APPLICANT: Hellman, Ulf
APPLICANT: Hellman, Ulf
APPLICANT: Heldin, Carl-Henrik
TITLE OF INVENTION: PAGG, A GTENASE ACTIVATING PROTEIN WHICH INTERACTS WITH PTPLI
TITLE OF INVENTION: PAGG, A GTENASE ACTIVATING PROTEIN WHICH INTERACTS WITH PTPLI
CURRENT APPLICATION NUMBER: US/09/080, 855A
CURRENT FILING DATE: 1998-05-18
EARLIER APPLICATION NUMBER: 08/805,583
EARLIER PRILING DATE: 1997-02-25
NUMBER OF SEQ ID NOS: 39
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          61 MVLENNCNVIAMITREIECGVIKCYSYWPISL-KEPLEFEHFSVFLETFHVTQYFTVRVF 119
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2396 GTLICIDVVLGLISQDLDFDISDLVRCMRLQRHGMVQTE 2434
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                                                                                                                                                    Sequence 12, Application US/09080855A Patent No. 6083721
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 12, Application US/09566076
Patent No. 6475775
GENERAL INFORMATION:
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APPLICANT: Franzn, Petra
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                                                                                                                                                                                                                GENERAL INFORMATION:
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46.1%; Score 541.5; DB 3; Length 2465;

Query Match

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TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                       amino acid
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APPLICANT: Aspenstrm, Pontus
APPLICANT: Hellman, Ulf
APPLICANT: Gonez, Leonel Jorge
APPLICANT: Gonez, Leonel Jorge
APPLICANT: Hellm, Carl-Henrik
TITLE OF INVENTION: PARG, A GIPASE ACTIVATING PROTEIN WHICH INTERACTS WITH PTPL1
FILE REFERENCE: L0461/7030
CURRENT APPLICATION NUMBER: US/09/566,076
CURRENT PILING DATE: 1998-05-18
NUMBER OF SEQ ID NOS: 39
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 12
LENGTH: 2466
                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: PRIMARY STRUCTURE AND FUNCTIONAL
TITLE OF INVENTION: EXPRESSION OF NUCLEOTIDE SEQUENCES FOR NOVEL PROTEIN
TITLE OF INVENTION: TYROSINE PHOSPHATASES
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
STREET: 600 ATLANTIC AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             61 MVLENNCNVIAMITREIECGVIKCYSYWPISL-KEPLEFEHFSVFLETFHVTQYFTVRVF 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 120 QIVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRT 179
                                                                                                                                                                                                                                                                                                                                                                                                        1 QNRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQ
                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                       1;
                                                                                                                                                                                                                                                                                                                                  DB 4; Length 2466;
                                                                                                                                                                                                                                                                                                                                Query Match
46.1%; Score 541.5; DB 4; Length:
Best Local Similarity, 47.0%; Pred. No. 3.6e-53;
Matches 103; Conservative 37; Mismatches 78; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2397 GTLICIDVVLGLISQDLDPDISDLVRCMRLQRHGMVQTE 2435
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: TWOMEY, MICHAEL J.
REGISTRATION NUMBER: P-38,349
REFERENCE/DOCKET NUMBER: LO461/7000WO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US94/09943
FILING DATE: 01-SEP-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: MASSACHUSETTS
COUNTRY: USA
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0. V
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 08/115,573
FILING DATE: 01-SEP-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; Sequence 2, Application PC/TUS9409943
; GENERAL INFORMATION:
APPLICANT:
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                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  BOSTON
                                                                                                                                                                                                                                                                                             US-09-566-076-12
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CITY: BO
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APPLICANT:
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APPLICANT:
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Sequence 46, Application US/09290640

Retent No. 6204055

GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
APPLICANT: Dean, Nicholas M.
TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling FILE REFERENCE: ISPH-0351
CURRENT APPLICATION NUMBER: US/09/290,640
CURRENT FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 85
SEQ ID NO 46
ILENGTH: 2485
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 61 MVLENNCNVIAMITREIBCGVIKCYSYMPISL-KEPLEFEHFSVFLETFHVTQYFTVRVF 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                120 QIVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRT 179
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                                                                                                                                                                                                                                                                                                                                                                  1 QNRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEBEYFYIATQGPLPETIEDFWQ
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                                                                                                                                                                                                                                                                    46.1%; Score 541.5; DB 5;
47.0%; Pred. No. 3.6e-53;
live 37; Mismatches 78;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 46.1%; Score 541.5; DB 3; Best Local Similarity 47.0%; Pred. No. 3.6e-53; Matches 103; Conservative 37; Mismatches 78;
TELECOMMUNICATION INFORMATION:
TELEPRONE: 617/720-2441
TELERX: 617/720-2441
TELEX: 92-1742 EZEKIEL
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 2466 amino acids
                                                                                                                                                                                                                                                                                            Best Local Similarity 47.0%
Matches 103; Conservative
                                                                                                                                                                                                     MOLECULE TYPE: protein
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APPLICANT: TORKS, Nicholas K.

APPLICANT: TORKS, Nicholas K.

TITLE OF INVENTION: Healation of A cDNA Encoding A No. 6479640el

TITLE OF INVENTION: Protein Tyrosine Phosphotase Which Localizes to Focal

TITLE OF INVENTION: Adhesions and Uses Therefor

TITLE OF INVENTION: Adhesions and Uses Therefor

TITLE OF INVENTION: Adhesions and Uses Therefor

CURRENT APPLICATION NUMBER: US/09/848,294

CURRENT PILING DATE: 1999-01-05-03

PRIOR PAPLICATION NUMBER: 08/759,536

PRIOR PAPLICATION NUMBER: 08/759,536

PRIOR APPLICATION NUMBER: 08/759,536

PRIOR APPLICATION NUMBER: 08/759,536

PRIOR APPLICATION NUMBER: 07/663,579

PRIOR PAPLICATION NUMBER: 07/663,579

PRIOR PILING DATE: 1991-03-01

PRIOR PILING DATE: 1991-03-01

PRIOR FILING DATE: 1990-03-14

NUMBER OF SEQ ID NOS: 13

SEQ ID NOS: 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2296 MIWEQKSTVIAMMTQEVBGEKIKCQRYWPNILGKTTWVSNRLRLALVRMQQLKGFVVRAM 2355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 61 MVLENNCNVIAMITREIECGVIKCYSYWPISL-KEPLEFEHFSVFLETFHVTQYFTVRVF 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       120 QIVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRT 179
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 ONRDKNRYRDILPYDSTRVPLGKNKOYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQ 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                  GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
APPLICANT: Marcueson, Eric G.
APPLICANT: Marcueson, Eric G.
APPLICANT: Watt, Jacqueline
TITLE OF INVENTION: Antisense Modulation of Fas Mediated Signaling
FILE REPRENCE: 158PH-0502
CURRENT APPLICATION NUMBER: US/09/665,615B
CURRENT FILING DATE: 2000-09-18
PRIOR PLICING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 12.0
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 2485;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 46.1%; Score 541.5; DB 4; Length: Best Local Similarity 47.0%; Pred. No. 3.6e-53; Matches 103; Conservative 37; Mismatches 78; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2416 GTLICIDVVLGLISQDLDFDISDLVRCWRLQRHGMVQTE 2454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      180 GVFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTK 218
                         Sequence 46, Application US/09665615B Patent No. 6653133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 2, Application US/09848294
Patent No. 6479640
                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
CORGANISM: Homo sapiens
US-09-665-615B-46
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ORGANISM: Homosapiens
-09-665-615B-46
                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 46
LENGTH: 2485
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669 QNLDKNRYKDVLPYDTTRVILLQGNEDYINASYVNMEIPAANLVNK-----YIATQGPLPH 723
                                                                                                                                                                                                                                                                                                                112 QYFTVRVFQIVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHI-TGPLLV 170
                                                                                                                                                                                                           54 TIEDFWOMVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEPEH--FSVFLETFHVT 111
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                                                                                                    1 QNRDKNRYRDILPYDSTRVPLGKNKDYINASYI-----RIVNHEBERFYIATQGPLPE 53
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                                                         Gaps
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                                                         18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Wiggins, Roger C.
APPLICANT: Thomas, Peedikayil E.
TITLE OF INVENTION: Mammalian Glomerular Epithelial Protein
TITLE OF INVENTION: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 278;
                                                                                                                                                                                                                                                                                                                                                                                                                                                        171 HCSAGVGRIGVFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQT 217
Query Match 39.8%; Score 467; DB 4; Length 913; Best Local Similarity 42.3%; Pred. No. 4e-45; Matches 96; Conservative 35; Mismatches 78; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.25
CHRRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/201,697
FILING DATE: 25-FEB-1994
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Campbell and Flores
STREET: 4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 39.4%; Score 462.5; DB 1;
Best Local Similarity 43.0%; Pred. No. 2.5e-45;
Matches 98; Conservative 38; Mismatches 79;
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Sequence 16, Application US/08201697;
Patent No. 5705623
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryb A.
REGISTRATION NUMBER: 31,812
REFERENCE/DOCKET NUMBER: P-UM
TELECOMMUNICATION INFORMATION:
TELERAX: (619) 535-9001
TELERAX: (619) 535-894
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         17
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: San Diego
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
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Query Match
Best Local Similarity 42.0%
Matches 95; Conservative
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VRVPQIV-KKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVR----YVRKSHITGPLLV 170
                        55 IEDFWQMVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEH--FSVFLETFHVTQ 112
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                                                                               171 HCSAGVGRIGVFICVDVVFSAIBKNYSFDIMNIVTQMRKQRCGMIQTK 218
                                                                                                         39.4%; Score 462; DB 2; Length 231; 42.0%; Pred. No. 2.2e-45; Live 35; Mismatches 78; Indels
                                                                                                                                                                                                                          Sequence 37, Application US/08446345

Patent No. 5831009

GENERAL INFORMATION:
APPLICANT: Ullrich, Axel
APPLICANT: Moller, Niels P.H.
APPLICANT: Moller, Niels P.H.
TITLE OF INVENTION: NOVEL PROTEIN PHOSPHOTYROSINE
TITLE OF INVENTION: PHOSPHATASES PTP-D1
NUMBER OF SEQUENCES: 41

CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/446,345
FILING DATE: 22-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: US 08/234,440
FILING DATE: 28-APR-1994
ATYONEY/AGENT INPORMATION:
NAME: CCLUZZI, LBULR A.
REGISTRATION NUMBER: 30742
REFERENCE/DOCKET NUMBER: 7683-054
TELECOMMUNICATION INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                         STREET: 1155 Avenue of the Americas CITY: New York COUNTRY: U.S. 7.21P.
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INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 231 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           95; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: protein
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STRANDEDNESS: unl
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Matches 95; Conserva
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US-09-848-294-7

i Sequence 7. Application US/09848294

patent No. 6479640

GENERAL INFORMATION:

TITLE OF INVENTION: Bollation of A CDNA Encoding A No. 6479640el

TITLE OF INVENTION: Adhesions and Uses Therefor

FILE REFERENCE: CSHL90-04FZA

CURRENT APPLICATION NUMBER: US/09/848,294

CURRENT APPLICATION NUMBER: 09/235,251

PRIOR FILING DATE: 1999-01-22

PRIOR FILING DATE: 1999-01-22

PRIOR PLILING DATE: 1999-01-20

PRIOR PLILING DATE: 1991-03-01

PRIOR FILING DATE: 1991-03-01
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39.4%; Score 462; DB 4; Length 244; 42.0%; Pred. No. 2.4e-45; Live 35; Mismatches 78; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        172 CSAGVGRIGVFICVDVVFSAIBKNYSFDIMNIVTQMRKQRCGMIQT 217
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Patent No. 5912138
GENERAL INFORMATION:
APPLICANT: Tonks, Nicholas
APPLICANT: Flint, Andrew J.
TITLE OF INVENTION: TYROSINE PHOSPHATASES
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: Two Militia Drive CITY: Lexington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 02173
COMPUTER READABLE FORM:
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CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/685,992
FILING DATE: July 25, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: CSHL96-03Z
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 8049, Application US/09949016 Patent No. 6812339
                                                                                                                                                                                            TELEPHONE: 781-861-6240
TELEFAX: 781-861-9540
                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 242 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                        ; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-09-144-925-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Human
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 66 TCAQFWQVVWDQKLSLIVMLTTLTERGRIKCHQYWP---DPPDVMMHGG-----FHIQCQ 117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TQYFTVRVFQ--IVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHI-TGP 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                :: |: :: || || : || || || : | || || 118 SEDCTIAYUSMLVTNTQTGEEHTVTHLQYVAMPDHGIPDDSSDFLEFVNYVRSLRVDSEP 177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 QNRDKNRYRDILPYDSTRVPLGKNKDYINASYI-----RIVNHEBEFYFYIATQGPLPE 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       26; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  38.8%; Score 456; DB 2; Length 242; 41.7%; Pred. No. 1.2e-44; Live 35; Mismatches 73; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 21, Application US/09144925

Patent No. 5951979

GENERAL INFORMATION:
APPLICANT: Tonks, Nicholas
TITLE OF INVENTION: SUBSTRATE TRAPPING PROTEIN
TITLE OF INVENTION: TROSINE PHOSPHATASES
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE, HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
STREET: Two Militia Drive
CITY: Lexington
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: PateSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/685,992
FILING DATE: 25-JUJ-1996
CLASSIFICATION: 435
PRIOR APPLICATION ATA:
APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATYONEX/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER:
REGISTRATION NUMBER: CSHL96-03
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FBSESEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/144,925
                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 21: SEQUENCE CHARACTERISTICS: LENGTH: 242 amino acida TYPE: amino acid STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity 41.7
Matches 96; Conservative
                                                                                                                                                                                                                                                                                                          TELEPHONE: 781-861-624
TELEFAX: 781-861-9540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 02421-4799
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
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US-09-144-925-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-685-992-21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: 1
STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           54
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GENERAL INFORMATION:

GENERAL INFORMATION:

GENERAL INFORMATION:

GENERAL INFORMATION:

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

FILE REFERENCE: CLOO1307

CURRENT PELICATION NUMBER: 06/241,755

PRIOR FILING DATE: 2000-10-20

PRIOR APPLICATION NUMBER: 66/237,768

PRIOR PILING DATE: 2000-10-03

PRIOR APPLICATION NUMBER: 66/231,498

PRIOR PILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

SPRIOR PILING DATE: 2000-10-03

SPRIOR FILING DATE: 2000-10-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                           54 TIBDFWQMVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVFLETFHV--- 110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  111 TOYFTVRVFQ--IVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHI-TGP 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      11 QNLDKARYKDVLPYDTTRVLLQGNEDYINASYVAMEIPAANLVAK-----YIATQGPLPH 65
                                                                                                                                                                                                      1 ONRDKWRYRDILPYDSTRVPLGKNKDYINASYI-----RIVNHEEEYFYIATOGPLPE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 QNRDKNRYRDILPYDSTRVPLGK-----NKDYINASYIRIVNHEEEYFYIATQGPLPETI
                                                                                                             26; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LLVHCSAGVGRTGVFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQT
          Length 242
                                                                                                        73; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
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Query Match 38.8%; Score 456; DB 2; Best Local Similarity 41.7%; Pred. No. 1.2e-44; Matches 96; Conservative 35; Mismatches 73
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EDFWQMVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEPEHFSVFLETFHVTQYFT 115
                                                                      116 VRVFQIV-KKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVR----YVRKSHITGPLLV 170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   56 BDFWQMVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVPLETFHVTQYFT 115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           116 VRVFQIV-KKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVR----YVRKSHITGPLLV 170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 QNRDKNRYRDILPYDSTRVPLGK----NKDYINASYIRIVNHEEEYFYIATQGPLPETI 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                      13;
                                                                                                                             1809 HCSAGVGRTGTFIALDRILQQLDSXDSVDIYGAVHDLRLHRVHMYQTE 1856
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                37.9%; Score 445.5; DB 4; Length 1997; 41.7%; Pred. No. 3.8e-42; tive 38; Mismatches 82; Indels 13;
                                                                                                                 171 HCSAGVGRIGVFICVDVVFSAIEKNYSFDIMNIVTOMRKORCGMIQTK 218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    171 HCSAGVGRIGVFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTK 218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Search completed: April 6, 2005, 15:45:03
Job time : 25.8596 secs
                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity 41.78 Matches 95; Conservative
                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                            US-09-949-016-6275
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April 6, 2005, 15:38:11; Search time 74.2602 Seconds (without alignments) 974.619 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                              1 QNRDKNRYRDILPYDSTRVP......DIMNIVTQMRKQRCGMIQTK 218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Published Applications AA:*

1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/US07_NEW PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US06_NEW PUB.pep:*
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6/ptodata/1/pubpaa/US09C PUBCOMB.pep:*
6/ptodata/1/pubpaa/US109 NEW PUB.pep:*
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6/ptodata/1/pubpaa/US10C PUBCOMB.pep:*
6/ptodata/1/pubpaa/US10C PUBCOMB.pep:*
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1418010 seqs, 331997259 residues
                                                                                                                                                                                                                                                                           US-09-095-478A-7_COPY_188_405
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                            - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                    BLOSUM62
Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Perfect score:
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                                                                                                         OM protein
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                                                                                                                                                                                                                                                                                                                                 Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Searched:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	ď	Appli	Appli	Appli	Appli	Appli	Appli	Appli	Appli	Appli	Appli	Appl	Appl	~
SUMMARIES *		9	8	m	H	7	4	4	'n	.7	6	35,	56,	12,
	Description	Sequence 6,	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence
		78-6	78-8	78-3	78-1	78-2	64-4	US-09-095-478-4	78-5	78-7	78-9	JS-10-060-065-35	IS-10-059-585-56	JS-10-177-980-12
		95-4	95-4	95-4	95-4	95-4	311-7	95-4	95-4	195-4	95-4	0-090	59-5	177-9
		US-09-095-478-6	JS-09-095-478-8	-60-	JS-09-095-478-1	JS-09-095-478-2	JS-10-311-764-4	-60-	-60-	-60-	JS-09-095-478-9	-10-(	-10-(	-10-1
	Ð	Sn	Sn	ns	SD	ΩS	SD	SD	SD	SD	SD	Sn	an	US
	DB	10	10	10	10	10	15	10	10	10	10	14	14	14
	Query Match Length DB	354	379	412	426	463	420	122	122	381	358	1267	1267	2466
	Query Match	100.0	100.0	100.0	100.0	100.0	79.7	56.9	48.2	46.9	46.1	46.1	46.1	46.1
	Score	1174	1174	1174	1174	1174	936	668	995	550.5	541.5	541.5	541.5	541.5
,	Result No.	-	7	m	4	S	9	7	8	6	10	11	12	13

## ALLGINMENT

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WESULY 1

US-095-478-6

Sequence 6, Application US/09095478

Sequence 6, Application US/09095478

PULDIALiation NO. USZONGOSOSTOAL

GENERAL INFORMATION: NOWEL PROTEIN TYROSINE

TITLE OF INVENTION: RELATED PRODUCTS AND

TITLE OF INVENTION: RETHODS

NUMBER OF SEQUENCES: 25

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: Suite 4700

CITY: Los Angeles

STREET: Suite 4700

CITY: Los Angeles

STREET: Suite 4700

CITY: Los Angeles

STREET: Suite 87001-2066

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Factage

COMPUTER: Bactage

COMPUTER: BACTAGE

SOFTWARE: Factage

COMPUTER: BACTAGE

COMPUTER: CLASIFICATION DATA:

REDIOM TYPE: SLORAGE

COMPUTER: PRODUCTION DATA:

RELING DATE:

FILING DATE:

FILING DATE:

FILING APPLICATION NUMBER:

FILING APPLICATION NUMBER:

FILING APPLICATION NUMBER:

FILING APPLICATION NUMBER:

REGISTRACH NUMBER: 32,4115

REGISTRACH NUMBER: 324,115
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8
                                                         LENGTH: 379 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                  Query Match
Best Local Similarity 100.0
Matches 218; Conservative
                INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                         TOPOLOGY: linear
; MOLECULE TYPE: Peptide
US-09-095-478-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: Sulte
CITY: LOS Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-095-478-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   121 IVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRTG 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             118 ONRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQ 177
                                                                                                                                                                                                                                                                                                                                                                                                                                                            61 MVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVFLETFHVTQYFTVRVFQ 120
                                                                                                                                                                                                                                                                                                                                                                          1 ONRDKARYRDILPYDSTRVPLGKANKDYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQ 60
                                                                                                                                                                                                                                                                                                                              ;
0
                                                                                                                                                                                                                                                                                     Length 354;
                                                                                                                                                                                                                                                                                                                            0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           181 VFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTK 218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    298 VFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTK 335
                                                                                                                                                                                                                                                                                   100.0%; Score 1174; DB 10;
100.0%; Pred. No. 2.2e-119;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 8, Application US/09095478;
Publication No. US20030095970A1;
GENERAL INFORMATION:
APPLICANT: Plowman, Gregory
ITILE OF INVENTION: NOVEL PROTEIN TYROSINE
ITILE OF INVENTION: PROSPHATAKE SUPTPOS AND
ITILE OF INVENTION: METATED PRODUCTS AND
ITILE OF INVENTION: METATED
STREET: 633 West Fifth Street
STREET: 633 West Fifth Street
STREET: Galfernia
STREET: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: U.S.A.

ZIP: 9071-206
ZIP: 9071-206
ZIP: 9071-206
ZIP: BOT1-206
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" DISKETE
COMPUTER: IPM COMPATIBLE
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE PARESEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 224/115
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
      TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEFAX: 67-3510
INFORMATION FOR SEQ ID NO: 6: SEQUENCE CHARACTERISTICS:
LENGTH: 354 amino acids
TYPE: amino acid
STRANDEDNESS: single
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.
Matches 218; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                MOLECULE TYPE: Peptide US-09-095-478-6
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, MOLECULE TYPE: Peptide US-09-095-478-1
      linear
      TOPOLOGY:
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                                                                                                                                                                                                                                     61 MVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVFLETFHVTQYFTVRVFQ 120
                                                                                                                                                                                                                                                                                                              248 MVLENNCNVIAMITREIBCGVIKCYSYWPISLKEPLEFEHFSVFLETFHVTQYFTVRVFQ 307
                                                                                                                                                                                                                                                                                                                                                                                                 121 IVKKSTGKSQCVKHLQPTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRTG 180
                                                                                                                                                                                                              1 QNRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQ
                                                                                                                                                                            Gaps
                                                                                                                                                                    0; Indels 0;
                                                                                                                               Query Match
Best Local Similarity 100.0%; Pred. No. 2.6e-119;
Matches 218; Conservative 0; Mismatches 0; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          368 VFICVDVVFSAIEKNYSPDIMNIVTQMRKQRCGMIQTK 405
                                                                                                                                                                                                                                                                                                                                                                                                                                                   181 VPICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTK 218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 1, Application US/09095478
Publication No. US20030095970A1
GENERAL INFORMATION:
TITLE OF INVENTION: ROUSE SUPPOS AND
TITLE OF INVENTION: RELATED PRODUCTS AND
TITLE OF INVENTION: RELATED PRODUCTS AND
TITLE OF INVENTION: METHODS
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SuPTP05 AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FABETERQ for Windows 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 224/115
TELECOMUNICATION INFORMATION:
TELECHOME: (213) 955-0440
TELEFAX: (213) 955-0440
TELEFAX: (7-3510
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,478
LENGTH: 412 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 426 amino acida
TYPE: amino acid
STRANDEDNESS: single
                                                    // TOPOLOGY: linear
// MOLECULE TYPE: Peptide
US-09-095-478-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
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US-09-095-478-1
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188 QNRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQ 247
                                                                                                                                                                                                          61 MVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVFLETFHVTQYFTVRVFQ 120
                                                                                                                                                                                                                                        248 MVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEPEHFSVPLETFHVTQYFTVRVFQ 307
                                                                                                                                                                                                                                                                                                             121 IVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRTG 180
                                                                                                                                                                                                                                                                                                                                          308 IVKKSTGKSQCVKHLQFTKWPDHGTPASADFPIKYVRYVRKSHITGPLLVHCSAGVGRTG 367
                                                                                                          9
                                                                                                          1 ONRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQ
                                                             Gaps
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; Score 1174; DB 10; Length 426;
; Pred. No. 2.8e-119;
0; Mismatches 0; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                     181 VFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTK 218
                                                                                                                                                                                                                                                                                                                                                                                                                                                  368 VFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTK 405
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-095-478-2

Sequence 2, Application US/09095478

Publication No. US2003095970A1

GENERAL INFORMATION:
APPLICANT: Plowman, Gregory

TITLE OF INVENTION: NOVEL PROPEIN TYROSINE
TITLE OF INVENTION: PHOSPHATASE SUPTPO5 AND
TITLE OF INVENTION: RELATED PRODUCTS AND
TITLE OF INVENTION: METHODS

TITLE OF SEQUENCES: 25

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Los Angeles
CUNTRY: Los Angeles
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: GOORGE
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION NUMBER: US/09/095,478
APPLICATION NUMBER: US/09/095,478
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NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 224/115
TELEPHONE: (213) 955-040
TELEPHONE: (213) 955-040
TELERENCE: 67-3510
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
        100.0%;
  Query Match
Best Local Similarity 100.0
Matches 218; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 463 amino acids
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CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: Peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     linear
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                                                                                                                                                                                                                                                                  285 MVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEPEHFSVFLETFHVTQYFTVRVFQ 344
                                                                                                                                                                                                                                                                                                                                                                                   345 IVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRIG 404
                                                                                                                                                                                                                                                                                                                                                     IVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRTG 180
                                                                                                                   1 ONRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQ
                                                              ö
  100.0%; Score 1174; DB 10; Length 463; 100.0%; Pred. No. 3.1e-119; Live 0; Mismatches 0; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         79.7%; Score 936; DB 15; Length 420; 78.8%; Pred. No. 2.7e-93; ive 22; Mismatches 24; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      BAUGHS, Mariah R.; DING, Li

ELLIOTT, Vicki S.; GANDHI, Ameena R.

GRIFFIN, Jennifer A.; HAFALIA, April J.A.

KEARNEY, Liam; LEE, Ernestine A.

IU, Yan; NGUYEN, Danniel B.

ARVIZU, Chandra S.; RAMKUMAR, Jayalaxmi

REDDY, Roopa M.; SANNANWALA, Madhusudan M.

STEWART, Elizabeth A.; TANG, Y. Tom

THORNION, Michael B.; TRIBOULEY, Catherine M.

CHAMLA, Narinder K.; YANG, Junming

YAO, Monique G.; YUE, Henry
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. US20040023245A1 7476861CD1
US-10-311-764-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                181 VFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTK 218
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APPLICANT: INCYTE GENOMICS, INC.; AU-YOUNG, Janice K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: PROJECT REPERENCE: PI-0126 USN
CURRENT APPLICATION NUMBER: US/10/311,764
CURRENT FILING DATE: 2002-12-16
PRIOR APPLICATION NUMBER: US/10/311,764
PRIOR FILING DATE: 2001-06-14
PRIOR PILING DATE: 2000-06-16
PRIOR PILING DATE: 2000-06-22
PRIOR PILING DATE: 2000-06-22
PRIOR PILING DATE: 2000-06-22
PRIOR PILING DATE: 2000-06-29
PRIOR PILING DATE: 2000-06-29
PRIOR PILING DATE: 2000-06-29
PRIOR PILING DATE: 2000-07-06
PRIOR PILING DATE: 2000-07-06
PRIOR PILING DATE: 2000-07-06
PRIOR PILING DATE: 2000-07-07
PRIOR PILING DATE: 2000-07-12
PRIOR PILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PERL PROGRAM
SEQ ID NO 4
LENGTH: 420
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: YAO, Monique G.; YUE, Hen
TITLE OF INVENTION: PROTEIN PHOSPHATASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 4, Application US/10311764
Publication No. US20040023245A1
Query Match
Best Local Similarity 100.0
Matches 218; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches 171; Conservative
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ORGANISM: Homo sapiens
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Best Local
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2 NRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQM 61

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243 VLENNSNVIAMITREIEGGIIKCYHYWPISLKKPLELKHFRVFLENYQILQYFIIRMFQV 302
                                                                                                                                                              57 DFWQMVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVFLETFHVTQYFTV 116
                                                                                                                                         122 VKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRTGV 181
                                                          VLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEPEHFSVFLETFHVTQYFTVRVFQI 121
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                                                                                                                                                                                                                                            182 FICVDVVFSAIEKNYSFDIMNIVTOMRKORCGMIQTK 218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 56.9%; Score 668; DB 10; Best Local Similarity 100.0%; Pred. No. 9.7e-65; Matches 122; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                       I, Gregory
NOVEL PROTEIN TYROSINE
PHOSPHATASE SUPTPOS AND
RELATED PRODUCTS AND
METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FestSEG for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,478
                                                                                                                                                                                                                                                                                                                                                        Sequence 4, Application US/09095478
; Publication No. US20030095970A1
; GENERAL INFORMATION:
    TITLE OF INVENTION: PHOSPHATASE SU
    TITLE OF INVENTION: RELATED PRODUC
    TITLE OF INVENTION: RELATED PRODUC
    TITLE OF INVENTION: RELATED
    NUMBER OF SEQUENCES: 25
    CORRESPONDENCE ADDRESS:
    ADDRESSEE: Lyon & Lyon
    STREET: 633 West Fifth Street
    STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REPERENCE/DOCKET NUMBER: 224
TELECOMMUNICATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION NUMBER:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 122 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: Peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
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TELEFAX:
                                                                JS-09-095-478-7
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                               61 RVPQIVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGV 120
117 RVPQIVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGV 176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                57 DFWQMVLENNCNVIAMITREIECGVIKCYSYWPISLKEPLEFEHFSVFLETFHVTQYFTV 116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     117 RVFQIVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGV 176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              61 RIPQIVKKSTGKSHSVKHLQPIKWPDHGTPASVDFFIKYVRYVRKSHITGPLLVHCTAGV 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 DFWGMMWENNCNVIAMITREIEGGVIKCCSYWPVSLKEPLEFKHFHVLLENFQITQYFVI 60
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48.2%; Score 566; DB 10; Length 122;
Best Local Similarity 83.6%; Pred. No. 1.3e-53;
Matches 102; Conservative 7; Mismatches 13; Indels (
                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: HOSPHATASE SUPPOS AND TITLE OF INVENTION: PHOSPHATASE SUPPOS AND TITLE OF INVENTION: RELATED PRODUCTS AND TITLE OF INVENTION: METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PSESESQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 224/115
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Los Angeles
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                US-09-095-478-5; Sequence 5, Application US/09095478; Publication No. US20030095970A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: Peptide
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GR 122
                                                                                     GR 178
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61 MVLENNCNVIAMITREIECGVIKCYSYWPISL-KEPLEFEHFSVFLETFHVTQYFTVRVF 119
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46.9%; Score 550.5; DB 10; Length 381;
Best Local Similarity 49.5%; Pred. No. 2.9e-51;
Matches 110; Conservative 34; Mismatches 71; Indels 7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          177 GRIGVFICVDVVFSALEKNYSFDIMNIVTOMRKORCGMIQTK 218
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Publication No. US20030095970A1

GENERAL INFORMATION:
APPLICANT: Plowman, Gregory
TITLE OF INVENTION: NOVEL PROTEIN TYROSINE
TITLE OF INVENTION: PHOSPHATASE SUPTPOS AND
TITLE OF INVENTION: METHODS
TITLE OF INVENTION: METHODS
TITLE OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                      CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READBLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FESTESQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,478
                                                                                                                                                                                                                                           ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Warburg, Richard J.
REGISTARTION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 224
TELECOMMUNICATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 381 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (213) .955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: Peptide
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CLASSIFICATION:
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APPLICANT: CLIAKI SALLICULI TOLIL TOLICANT: JUN-ICHI NEZU
TITLE OF INVENTITON: NOVEL GENES ENCODING PROTEIN KINASE/PROTEIN PHOSPHATASE
FILE REFRENCE: 06501-099002
CURRENT APPLICATION NUMBER: US/10/060,065
CURRENT FILING DATE: 2000-01-29
PRIOR PLLING DATE: 1099-10-18
PRIOR PLLING DATE: 1099-10-18
PRIOR PLLING DATE: 1099-10-18
PRIOR PLLING DATE: 1099-10-18
PRIOR FILING DATE: 1099-01-11
PRIOR FILING DATE: 2000-02-17
PRIOR PLLING DATE: 2000-01-11
PRIOR PLLING DATE: 2000-01-11
PRIOR PLLING DATE: 2000-05-02
PRIOR PLLING DATE: 2000-05-02
PRIOR PLLING DATE: 2000-05-02
PRIOR PLLING DATE: 2000-06-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       61 MVLENNCNVIAMITREIECGVIKCYSYWPISL-KEPLEFEHFSVFLETFHVTQYFTVRVF 119
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                                                                                                                                                                                                                                 Keiichi Nagai
Tetsuji Otsuki
Shin-Ichi Funahashi
Chiaki Senoo
                                                                                                                   Kaoru Otsuka
Jun-Ichi Yamamoto
Shizuko Ishii
                                                                                                                                                                                      Tomoyasu Sugiyama
Ai Wakamatsu
                          APPLICANT: Toshio Ota
APPLICANT: Takao Isogai
APPLICANT: Tetsuo Nishikawa
                                                                                                  Koji Hayashi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; ORGANISM: Homo sapiens
US-10-060-065-35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Paten
SEQ ID NO 35
LENGTH: 1267
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
46.1%; Score 541.5; DB 10; Length
Best Local Similarity 47.0%; Pred. No. 2.6e-50;
Matches 103; Conservative 37; Mismatches 78; Indels
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            Sequence 9, Application US/08095478
Publication No. US20030095970A1
GENERAL INFORMATION:
APPLICANT: PLOWMEN GREGORY
TITLE OF INVENTION: NOVEL PROTEIN TYROSINE
TITLE OF INVENTION: PHOSPHATASE SUPPOS AND
TITLE OF INVENTION: METHODS
TITLE OF INVENTION: METHODS
TITLE OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: LyON & LYON
                                                                                                                                                                                                                                                                                                                   CITY: Los Angeles
STATE: California
CCUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PSESSE for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         224/115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DAVE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRANTON NUMBER: 32,327
REGISTRANTON NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 224/1
TELEPHONE: (213) 489-1600
TELEFACH, (213) 955-0440
TELEFACH, (213) 955-0440
TELEFACH, (213) 955-0460
TELERATION FOR SEQ ID NO: 9:
SEQUENCE CHRAACTERISTICS:
LENGTH: 358 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Peptide
                                                                                                                                                                                                                                                     ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
US-09-095-478-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-095-478-9
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US-10-060-065-35; Sequence 35, Application US/10060065; Publication No. US20030017480A1

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Sequence 46, Application US/09802669
Patent No. US20020004490A1
GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
APPLICANT: Marcusson, Eric G.
APPLICANT: Myart, Jacqueline
APPLICANT: Myart, Jacqueline
APPLICANT: Marcusson, Eric G.
APPLICANT: Marcusson, Eric G.
APPLICANT: Marcusson, Eric G.
APPLICANT: Marcusson, Eric G.
APPLICANT: Martisense Compound Modulation of Fas Mediated Signaling
TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
CURRENT PLING DATE: 12001-03-09
PRIOR PRIOR PLING DATE: 2000-09-18
PRIOR PRIING DATE: 1999-04-12
PRIOR APPLICATION NUMBER: US 09/290,640
                                                                                                                                                                                                                                                                                                                                                                                                                          2277 MIWEOKSTVIAMMTOEVEGEKIKCORYWPNILGKTTMVSNRLRLALVRMQQLKGFVVRAM 2336
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                                                                                                                                                                                                                                                                                                                                                                                   1 QNRDKNRYRDILPYDSTRVPLGKNKDYINASYIRIVNHEEEYFYIATQGPLPETIEDFWQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   120 QIVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRT
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                                                                                                                                                                                                                                                                Length 2466;
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                                                                                                                                                                                                                                                             ; Score 541.5; DB 1; Pred. No. 3.2e-49; 37; Mismatches 78
         NUMBER OF SEQ ID NOS: 39
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 12
LENGTH: 2466
                                                                                                                                                                                                                                                             Query Match 46.1%;
Best Local Similarity 47.0%;
                                                                                                                                                                                                                                                                                                                   Matches 103; Conservative
                                                                                                                                                            ORGANISM: Homo sapiens
US-10-177-980-12
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US-09-802-669-46
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APPLICANT: ASPENSETEM, PORTUS
APPLICANT: ASPENSETEM, PORTUS
APPLICANT: Hellman, UIL
APPLICANT: Heldin, Leonel Jorge
APPLICANT: Heldin, Carl-Henrik
TITILE OF INVENTION: PARC, A GTPASE ACTIVATING PROTEIN WHICH INTERACTS WITH PTPL1
FILE REPERENCE: LO461/7030
CURRENT APPLICATION NUMBER: US/10/177,980
CURRENT FILING DATE: 2002-06-21
PRICA APPLICATION NUMBER: US/09/080,855
PRICA RAPLICATION NUMBER: 08/805,583
PRICA RAPLICATION NUMBER: 08/805,583
PRICA RAPLICATION NUMBER: 08/805,583
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              120 QIVKKSTGKSQCVKHLQFTKWPDHGTPASADFFIKYVRYVRKSHITGPLLVHCSAGVGRT 179
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    46.1%; Score 541.5; DB 14; Length 47.0%; Pred. No. 1.3e-49; ive 37; Mismatches 78; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              180 GVFICVDVVFSAIEKNYSFDIMNIVTQMRKQRCGMIQTK 218
APPLICANT: Ishii, Shizuko
APPLICANT: Sugiyama, Tomoyasu
APPLICANT: Wakamatsu, Ai
APPLICANT: Nadai, Keiichi
APPLICANT: Otsuki, Tetsuji
APPLICANT: Senoo, Chiaki
APPLICANT: Senoo, Chiaki
APPLICANT: Runahashi, Shin-Ichi
APPLICANT: Nezu, Jun-Ichi
APPLICANT: Nezu, Jun-Ichi
TITLE OF INVENTION: NOVEL GENES ENCODING PROTEIN
TITLE OF INVENTION: KINASE/PROTEIN PHOSPHATASE
                                                                                                                                                                                                                                                                                                                                                                      CURRENT FILING DATE: 2002-01-29
PRIOR APPLICATION NUMBER: PCT/JP00/05060
PRIOR PILING DATE: 2000-07-28
PRIOR PELING DATE: 2000-02-17
PRIOR PELING DATE: 2000-02-17
PRIOR PELING DATE: 2000-02-17
PRIOR PELING DATE: 1999-10-18
PRIOR APPLICATION NUMBER: US 60/159,590
PRIOR PLING DATE: 2000-01-11
PRIOR PLING DATE: 2000-01-11
PRIOR PLING DATE: 2000-05-02
PRIOR PLING DATE: 2000-05-02
PRIOR PLING DATE: 2000-05-02
PRIOR PLING DATE: 1999-07-29
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 56
                                                                                                                                                                                                                                                                                                             FILE REFERENCE: 06501-098001
CURRENT APPLICATION NUMBER: US/10/059,585
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 47.09
Matches 103; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens
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Sequence 46, Application US/10619220

Publication No. US20040033979A1

GENERAL INFORMATION:

APPLICANT: Dean, Nicholas M.

APPLICANT: Marcusson, Eric G.

APPLICANT: Marcusson, Eric G.

APPLICANT: Marcusson, Antisense Compound Modulation of Fas Mediated Signaling

TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling

TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling

TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling

FRICE REPRENCE: ISPH-545

CURRENT FILING DATE: 2003-07-14

PRIOR PELING DATE: 2001-03-01

PRIOR APPLICATION NUMBER: US 09/665,615

PRIOR APPLICATION NUMBER: US 09/665,615

PRIOR APPLICATION NUMBER: US 09/665,615

PRIOR APPLICATION NUMBER: US 09/669,640

PRIOR APPLICATION NUMBER: US 09/290,640

SOFTWARE: PALENCE: PALE
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46.1%; Score 541.5; DB 15; Length 2485;
Best Local Similarity 47.0%; Pred. No. 3.3e-49;
Matches 103; Conservative 37; Mismatches 78; Indels '1; Gaps
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Job time : 75.2602 secs
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; ORGANISM: Homo sapiens
US-10-619-220-46
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